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Zool.
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A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. I.—SPHINGES.



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CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
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HEXAPODA.

ORDER LEPIDOPTERA.

SUB-ORDER HETEROCERA.

FAMILY SPHINGIDÆ.

Sub-family I.—MACROGLOSSINÆ.

Genus **Sataspes.**

1. SATASPES INFERNALIS.

Sesia infernalis, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 3, (1848).
Macroglossa infernalis, Walker, Cat. Lep. Het. B. M. viii, p. 95, No. 19, (1856).
Sataspes infernalis, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 261, No. 597, (1857).
——————— Butler, Trans. Zool. Soc, Lond. ix, 1876, p. 517.

Recorded from Sylhet, Sibsagar, Sikkim, Nepal, Coimbatore.
In Indian Museum are specimens from Sibsagar and Buxa.
In Collection, Swinhoe, from Sylhet.

2. SATASPES UNIFORMIS.

Sataspes uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 3, No. 1.
——————— Trans. Zool. Soc. Lond. ix, 1876, p. 518.
var. *Sataspes infernalis*, Boisd., Sp. Gén. Lep. 1, pl. 10, figs. 1, 2, (1875).*

Recorded from Sylhet.
Closely allied to *Sataspes infernalis*.
Type is in British Museum.

3. SATASPES VENTRALIS.

Sataspes ventralis, Butler, Proc. Zool. Soc. Lond. 1875, p. 3, No. 2.
——————— Trans. Zool. Soc Lond. ix., 1876, p. 518.
Sataspes tagalica, Boisd., Sp. Gén. Lep., p. 278, pl. 10, figs. 3, 4, (1875).*

Recorded from Sylhet, Hongkong.
Type is in British Museum.

Genus **Hemaris.**

4. HEMARIS SAUNDERSII.

Macroglossa saundersii, Boisd. MS.*
Sesia saundersii, Walker, Cat. Lep. Het. B. M. viii, p. 83, No. 7, (1856).
Hemaris saundersii, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 520.

Recorded from Masuri, Sikkim, Kulu, Kunawar.
In Indian Museum are specimens from Kulu: in Collection, Swinhoe, from Sikkim.

5. HEMARIS HYLAS.

Sphinx hylas, Linn., Mant. i, p. 539, (1771).*
Sphinx picus, Cramer, Pap. Exot. ii, p. 83, pl. 148, fig. B, (1777).
Sesia hylas, Fabr., Ent. Syst. iii, i, p. 379, No. 3, (1793).
———— Walker, Cat. Lep. Het. viii, p. 84, (1856).
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 260, pl. 8, figs. 1, 1a, (1857).
Cephnodes hylas, Hübner, Verz. Bek. Schmett, p. 131, No. 1402, (1816).
———— Moore, Lep. Ceyl. ii, p. 31, pl. 93, fig. 4, (1882).
Macroglossa kingi, McLeay, King's Survey of Australia, App., p. 465, No. 167, (1827).*
Sesia cunninghami, Walker, Cat. Lep. Het. viii, p. 85, No. 10, (1856).
Macroglossa cunninghami, Schaufuss, Nunquam Otiosus i, p. 22, (1870).* } *var.* confined to Australia.
Hemaris hylas, Saalmüller, Lep. Madag. i, p. 117, pl. 3, fig. 40.*
var. *Macroglossa apus*, Boisd., Faun. Ent. Madag., pl. 79, No. 2, pl. 10, fig. 4, (1833).*
Transformations, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 522, pl. 90. figs. 4, 5.
———— Dewitz, Verh. L. C. Ak. 44, p. 266, pl. 9, figs. 9, 9a, 9b.*
———— Moore, Lep. Ceyl. ii, p. 31, pl. 93, figs. 4a, 4b, (1882).

Recorded from Japan, China, Australia, all parts of India, Ceylon, Africa.
In Indian Museum are specimens from Karachi, Kulu, Sikkim, Sylhet, Cachar, Calcutta, Bangalore, Ceylon.
In Collection, Swinhoe, from Deesa, Bombay, Karachi, Mhow, Belgaum, Sattara, Poona, Darjiling, Matheran, Ceylon.

6. HEMARIS CYANIRIS.

Hemaris cyaniris, Kirby, Trans. Ent. Soc. Lond. 1877, p. 239.

Recorded from Sylhet and Mauritius.
Allied to *Hemaris hylas*, Linn.

Genus **Rhopalopsyche**.

7. RHOPALOPSYCHE BIFASCIATA.

Rhopalopsyche bifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 239, pl. 36, fig. 4.

Allied to *Rhopalopsyche nycteris*, Kollar.
Type in Collection, F. Moore.
Recorded from S. India.

8. RHOPALOPSYCHE NYCTERIS.

Macroglossa nycteris, Kollar, Hügel Kaschmir, iv, 2, p. 458, pl. 19, fig. 5, (1844).
Macroglossa volucris, Walker, Cat. Lep. Het. B. M. viii, p. 94, No. 16, (1856).
Rhopalopsyche nycteris, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 523.

Recorded from Sylhet, Kasaoli, Masuri, Simla, Barrackpur.
In Indian Museum are specimens from Sikkim, Shillong, N. Khasi Hills, Kulu.
In Collection, Swinhoe, from Kasauli, Sikkim.

Genus **Macroglossa**.

9. MACROGLOSSA STELLATARUM.

Sphinx stellatarum, Linn., Syst. Nat. 1, 2, p. 803, No. 27, (1767).
Sesia stellatarum, Fabr., Ent. Syst. iii, 1, p. 380, No. 5, (1793).

Psithyros stellatarum, Hüb., Verz. Bek. Schmett, p. 132, No. 1409, (1816).
———— Walker, Cat. Lep. Het. B. M. viii, p. 86, (1856).
Macroglossa stellatarum, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514, No. 8.
———— Trans. Ent. Soc. Lond. 1885, p. 347.

Recorded from Europe, Africa, and Asia.
In Indian Museum are specimens from S.-W. Bohemia, Transcaucasus, Calcutta, Kulu.
In Collection, Swinhoe, are specimens from the Punjab, Persia, Afghanistan, and Sind.

10. MACROGLOSSA INSIPIDA.

Macroglossa insipida, Butler, Proc. Zool. Soc. Lond. 1875, p. 242, No. 12.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 92, fig. 3 imago, figs. 3a, 3b, larva and pupa.

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

11. MACROGLOSSA AFFICTITIA.

Macroglossa affictitia, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 7.
Trans. Zool. Soc. Lond. ix, 1876, p. 524.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 3.

Nearly allied to *M. gyrans*, *M. belis*, and *M vialis*.
Type in Collection, F. Moore.
Recorded from Ceylon, Bangalore, Kanara.
In Indian Museum are specimens from Bangalore, Ceylon.

12. MACROGLOSSA VIALIS.

Macroglossa vialis, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 5.
Trans. Zool. Soc. Lond. ix, 1876, p. 524.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 2.

Allied to *M. gyrans*.
Type in Collection, F. Moore.
Recorded from Kanara, Ceylon.

13. MACROGLOSSA GYRANS.

Macroglossa gyrans, Walker, Cat. Lep. Het. B. M. viii, p. 91, No. 11, (1856).
———— Boisd., Spec. Gén. Lep. Het. 1875, p. 336 *
———— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 524.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 1.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from N. India, Bengal, Bombay, Madras, Neilgherries, Ceylon.
In Indian Museum are specimens from Behar, Cachar.
In Collection, Swinhoe, from Mhow, Poona, Karachi, Deesa, Bombay.

14. MACROGLOSSA REGULUS.

Macroglossa regulus, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 335.*
———— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 633.

Recorded from Coromandel.
Allied to *M. gyrans*.

15. MACROGLOSSA FERVENS.

Macroglossa fervens, Butler, Proc. Zool. Soc. Lond. 1875, p. 4, pl. 1, fig. 3.
——————— Trans. Zool. Soc. Lond. ix, 1876, p. 525.

Allied to *M. gyrans* and *M. approximata*.
Recorded from Kanara.
Type is in British Museum.

16. MACROGLOSSA BOMBYLANS.

Macroglossa bombylans, Boisd., Spec. Gén. Lep. Het. 1875, p. 334.*
——————— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 525.
Macroglossa gilia, Walker (*nec* Herrich-Schäffer), Cat. Lep. Het. B. M. viii, p. 93, No. 15, (1856).

Recorded from N. India, Nepal, Dehra Dun, Java, Hongkong, Madagascar.
In Collection, Swinhoe, are specimens from India.

17. MACROGLOSSA LEPCHA.

Macroglossa lepcha, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 635.

Recorded from Calcutta.
Allied to *M. bombylans*.

18. MACROGLOSSA BELIS.

Sphinx belis, Cramer, Pap. Exot. i, p. 147, pl. 94, fig. C, (1776).
Macroglossa assimilis, Swainson, Zool. Ill. Ser. i, 1820, vol. i, pl. 64.*
Macroglossa zena, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 337.*
Macroglossa phyrrhula, Boisd., l. c., p. 338.*
Macroglossa belis, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 526, pl. 90, figs. 6, 7, larva and pupa.
——————— Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 287.

Recorded from the Himalayas, Simla, Bombay, Kanara, China.
In Indian Museum are specimens from Sikkim, Buxa, Shillong, Cachar, Kulu, Calcutta. In Collection, Swinhoe, from Karachi.

19. MACROGLOSSA LUTEATA.

Macroglossa luteata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37, fig. 5.
——————— Trans. Zool. Soc. Lond. ix, 1876, p. 526.

Allied to *M. proxima*, Butler.
Recorded from Sylhet.
Type in Collection, F. Moore.
In Indian Museum are specimens from Cachar.
In Collection, Swinhoe, from Sylhet.

20. MACROGLOSSA PROXIMA.

Macroglossa proxima, Butler, Proc. Zool. Soc. Lond. 1875, p. 4, pl. 1, fig. 1.
Trans. Zool. Soc. Lond. ix, 1876, p. 526.
——————— Moore, Lep. Ceyl. ii, 1882, p. 29, pl. 91, figs. 1, 1a, 1b, larva, pupa, and imago.

Recorded from Ceylon, Sylhet, Kanara.
In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Ceylon.

21. MACROGLOSSA AQUILA.

Macroglossa aquila, Boisd., Spec. Gén. Lep. Het. i, 1875, p. 340.*
———— Butler, Trans. Zool. Soc. ix, 1876, p. 633.

Allied to *M. proxima*, Butler.
Recorded from Sylhet.

22. MACROGLOSSA TAXICOLOR.

Macroglossa taxicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 387.
———— Lep. Ceyl. ii, 1882, p. 29, pl. 90, fig. 3, imago, fig. 3a, larva.

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

23. MACROGLOSSA INTERRUPTA.

Macroglossa interrupta, Butler, Proc. Zool. Soc. Lond. 1875, p. 242, pl. 37, fig. 2.
———— Trans. Zool. Soc. Lond. ix, 1876, p. 526.

Recorded from Darjiling.
Type in Collection, F. Moore.

24. MACROGLOSSA SITIENE.

Macroglossa sitiene, Walker, Cat Lep. Het. B. M. viii, p. 92, No. 13, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 527, (1876).

Recorded from Sylhet, Moulmein, Sikkim, Dalhousie, Natal.
Type is in British Museum.
In Collection, Swinhoe, are specimens from Dalhousie and Sikkim.

25. MACROGLOSSA GILIA.

Macroglossa gilia, Herrich Schäffer, Samml. Ausser. Eur. Schmett, pl. 23, fig. 107, (1850).*
———— Walker, Cat. Lep. Het. B. M. viii, p. 93, No. 15, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 527, pl. 90, fig. 9, larva, fig. 10, pupa, (1876).

Recorded from Nipal, Sylhet, Darjiling, Java.
Type is in the British Museum.
In Indian Museum are specimens from Sibsagar, Shillong, Cachar, Buxa, Sikkim, Utacamand.
In Collection, Swinhoe, from Assam and Sikkim.

26. MACROGLOSSA CATAPYRRHA.

Macroglossa catapyrrha, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 36, fig. 6.
———— Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from North India, Ceylon.
In Collection, Swinhoe, are specimens from Buxa, Bhutan.

27. MACROGLOSSA ORIENTALIS.

Macroglossa orientalis, Butler, Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from Moulmein.
Allied to *M. sitiene*.

28. MACROGLOSSA BENGALENSIS.

Macroglossa bengalensis, Boisd., Spec. Gén. Lep. Het. i, p. 341, (1875).*
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from Pondicherry.

29. MACROGLOSSA HEMICHROMA.

Macroglossa hemichroma, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 1.
——————— Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from Sylhet.
Type is in Collection, F. Moore.

30. MACROGLOSSA FRINGILLA.

Macroglossa fringilla, Boisd., Spec. Gén. Lep. Het. i, p. 352, (1875).*
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from India.

31. MACROGLOSSA IMPERATOR.

Macroglossa imperator, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 4.
——————————— Trans. Zool. Soc. Lond. ix, p. 529, (1876).
Rhamphoschisma imperator, Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 1, (1882).

Recorded from Ceylon.
Allied to *M. Mitchellii*, Boisd.
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sikkim.

32. MACROGLOSSA RECTIFASCIA.

Rhamphoschisma rectifascia, Felder, Reise Novara, Lep. iv, pl. 75, fig. 7, (1874).
——————————— Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 2, (1882).
Macroglossa rectifascia, Boisd., Spec. Gén. Lep. Het. i, p. 353, (1875).*

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

33. MACROGLOSSA DIVERGENS.

Macroglossa divergens, Walker, Cat. Lep. Het. viii, p. 94, No. 17, (1856).
——————————— Boisd., Sp. Gén. Lep. Het. i, p. 355, (1875).*
Rhamphoschisma divergens, Moore, Lep. Ceyl. ii, p. 27, pl. 92, fig. 2, (1882).

Recorded from Ceylon.

34. MACROGLOSSA NIGRIFASCIATA.

Macroglossa nigrifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37, fig. 3.
Rhamphoschisma nigrifasciata, Moore, Lep. Ceyl. ii, p. 28, pl. 92, fig. 1, (1882).

Recorded from Ceylon.

35. MACROGLOSSA GLAUCOPTERA.

Macroglossa glaucoptera, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 36, fig. 9.
Rhamphoschisma glaucoptera, Moore, Lep. Ceyl. ii, p. 28, pl. 91, fig. 2, (1882).

Recorded from Ceylon.

Genus **Rhodosoma**.

36. RHODOSOMA TRIOPUS.

Macroglossa triopus, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 4, (1848).
———— Walker, Cat. Lep. Het. B. M. viii, p. 95, No. 18, (1856).
Rhodosoma triopus, Butler, Trans. Zool. Soc. Lond. ix, 534, (1876).

Recorded from Sylhet, Assam.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

Genus **Lophura**.

37. LOPHURA MASURIENSIS.

Lophura masuriensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, pl. 36, fig. 3.
———— Trans. Zool. Soc. Lond. ix, p. 537, (1876).

Recorded from Masuri, N.-W. Himalayas, Assam.
Type is in Collection, F. Moore.
In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Sibsagar.

38. LOPHURA PUSILLA.

Lophura pusilla, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, No. 17, (1875).
———— Trans. Zool. Soc. Lond. ix, p. 537, (1876).

Recorded from Sylhet.
Type in Collection, F. Moore.
In Indian Museum is a specimen from Cachar.

39. LOPHURA PUMILIO.

Lophura pumilio, Boisd., Spec. Gén. Lep. Het. i, p. 311, (1875).*
———— Butler, Trans. Zool. Soc. Lond. ix, p. 632, (1876).

Recorded from Sylhet.
Closely allied to *L. pusilla*, Butler.

40. LOPHURA HYAS.

Lophura hyas, Walker, Cat. Lep. Het. B. M. viii, p. 107, No. 3, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 538, pl. 90, figs. 1, 2, 3, larva and pupa, (1876).

Recorded from Hongkong, Java, Sylhet.
In Collection, Swinhoe, is one example from Sikkim, and a very pale, but otherwise identical, specimen from Mhow.

41. LOPHURA ASILIFORMIS.

Sphinx asiliformis, Fabr. Ent. Syst. iii, i, p. 357, No. 7, (1793).
Thyris (?) asiliformis, Walker, Cat. Lep. Het. B. M. viii, p. 260, (1856).
Lophura asiliformis, Butler, Trans. Zool. Soc. Lond. ix, p. 538, (1876).

Recorded from India.

42. LOPHURA HIMACHALA.

Lophura himachala, Butler, Proc. Zool. Soc. Lond. 1875, p. 621.
——————— Trans. Zool. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-E. Himalayas.

43. LOPHURA EREBINA.

Lophura erebina, Butler, Proc. Zool. Soc. Lond. 1875, p. 621.
——————— Trans. Zool. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-W. India.

Sub-family II.—CHAEROCAMPINÆ.

Genus **Acosmeryx**.

44. ACOSMERYX CINEREA.

Acosmeryx cinerea, Butler, Proc. Zool. Soc. Lond. 1875, p. 245
——————— Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 1, (1881).
——————— Moore, Lep Ceyl. ii, p. 24, pl. 89, fig. 2, imago, fig. 2a, larva and pupa, (1882).
Acosmeryx shervillii, Boisd., Sp. Gén. Lep. Het. i., p. 216, (1875).*
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 631, (1876).

Recorded from Sylhet, Sikkim, Ceylon.
Allied to *A. sericeus*.
Type is in British Museum.
In Indian Museum are specimens from Sibsagar and Sikkim.
In Collection, Swinhoe, from Sylhet and Sikkim.

45. ACOSMERYX SERICEUS.

Philampelus sericeus, Walker, Cat. Lep. Het. B. M. viii, p. 181, No. 13, (1856).
Acosmeryx anceoides, Boisd., Sp. Gén. Lep. Het. i, p. 216, (1875).*
Acosmeryx sericeus, Butler, Trans. Zool. Soc. Lond. ix, p. 544, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 2, (1881).

Recorded from Sylhet, Sikkim.
Type is in British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sylhet and Sikkim.

46. ACOSMERYX ANCEUS.

Sphinx anceus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. A. (1781).
Enyo anceus, Hübner, Verz. Bek. Schmett, p. 132, No. 1423, (1816).
——————— Walker, Cat. Lep. Het. B. M. viii, p. 119, (1856).
Philampelus anceus, Moore, Cat. Lep. E. I. Comp Mus. i, p. 270, No. 624, pl. 9, figs. 4, 4*a*, larva and pupa, (1857).
Acosmeryx anceus, Butler, Trans. Zool. Soc. Lond. 1876, p. 544, pl. 90, figs. 11 and 12, larva and pupa.

Recorded from Amboina, Java, Penang, Sylhet, Sikkim. S. India.
In Indian Museum is a specimen from Sikkim.
In Collection, Swinhoe, from Sylhet and Sikkim.

47. ACOSMERYX PSEUDONAGA.

Acosmeryx pseudonaga, Butler, Ill. Typ. Lep. Het. B. M. v, p. 2, pl. 88, fig. 3, (1881).

Recorded from Bhutan.
Allied to *A. naga*.

48. ACOSMERYX NAGA.

Philampelus naga, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 271, (1857).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 33, (1864).

Recorded from Sikkim, Simla.
In Indian Museum are specimens from Sikkim; in Collection Swinhoe, from Sikkim and Simla.

Genus **Ampelophaga.**

49. AMPELOPHAGA FASCIOSA.

Ampelophaga fasciosa, Moore, M. S., not yet described (May, 1886).

Allied to *A. rubiginosa*, Bremer and Grey, (Pekin).
In Indian Museum are specimens from Kulu; in Collection, Swinhoe, from Simla and Sikkim.

Genus **Elibia.**

50. ELIBIA DOLICHUS.

Chærocampa dolichus, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 1, (1848).
Elibia dolichus, Walker, Cat. Lep. Het. B. M. viii, p. 149, No. 1, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sylhet and Sikkim.
Type is in British Museum.
In Indian Museum are specimens from Sikkim and Sibsagar.
In Collection, Swinhoe, from Sylhet and Sikkim.

51. ELIBIA DOLICHOIDES.

Philampelus dolichoides. Felder, Reise Novara Lep. iv, pl. 76, fig. 8, ♀, (1874).
Pergesa dolichoides, Moore, Proc. Zool. Soc. Lond. 1874, p. 577.
Elibia dolichoides, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sikkim.
In Collection, Swinhoe, from Sikkim.

Genus **Pergesa.**

52. PERGESA ACUTA.

Zonilia acuta, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 7, (1856).
Pergesa (?) acuta, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).
Pergesa castor, (part), Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Java.

53. PERGESA ACTEUS.

Sphinx acteus, Cramer, Pap. Exot. iii, p. 93, pl. 248, fig. A, (1779).
Oreus acteus, Hübner, Verz. Bek. Schmett, p. 136, No. 1462, (1816).
Pergesa acteus, Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 6, (1856).
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 272, pl. 10, figs. 1, 1a, larva and pupa, (1857).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).
———— Moore, Lep. Ceyl. ii, p. 23, pl. 88, fig. 1, imago, fig. 1a, larva and pupa, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288.
Chærocampa acteus, Boisd., Sp. Gén. Lep. Het. i, p. 257, (1875).*

Recorded from Sylhet, Bengal, Moulmein, Ceylon, Borneo, Java.
In Indian Museum are specimens from Calcutta, Sibsagar, Sikkim, Kulu, Ceylon, and the Andaman Islands.
In Collection, Swinhoe, from Solun, Darjiling, Belgaum, Poona, Sylhet.

54. PERGESA VELATA.

Pergesa velata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1853, (1866).
———— Butler, Trans. Zool. Soc. Lond ix, p. 548, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 3, pl. 78, fig. 5. (1881).
Pergesa castor, Moore, (*nec* Walker,) Cat. Lep. Mus. E. I. Comp. i, p. 273, (1857).

Recorded from Darjiling.
Type is in British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

55. PERGESA OLIVACEA.

Pergesa olivacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.
———— Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).
Pergesa castor, var. B, Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Simla.
In Indian Museum are specimens from Shillong, North Khasi Hills, Sikkim.
In Collection, Swinhoe, from Simla, Sikkim, Sylhet.

56. PERGESA (?) MACROGLOSSOIDES.

Perigonia macroglossoides, Walker, Cat. Lep. Het. B. M. xxxv, p. 1851, (1866).
Pergesa(?) macroglossoides, Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).

Recorded from Darjiling.

57. PERGESA CASTANEA.

Pergesa castanea, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.
———— Butler, Trans. Zool. Soc. Lond. ix, p. 549, (1876).
———— Waterhouse, Aid, i, pl. 56, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 288, No. 7.

Recorded from Bombay.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Sattara.

58. PERGESA VAMPYRUS.

Sphinx vampyrus, Fabr., Mant. Ins. ii, p. 98, No. 66, (1787).
Pergesa vampyrus, Butler, Trans. Zool. Soc. Lond. ix, p. 549, (1876).

Recorded from E. Indies.

59. PERGESA ÆGROTA.

Pergesa ægrota, Butler, Proc. Zool. Soc. Lond. 1875, p. 246.
———— Trans. Zool. Soc. Lond. ix, p. 549, pl. 92, fig. 2, (1876).

Recorded from Sylhet.
Type is in Collection, F. Moore.

60. PERGESA AURIFERA.

Pergesa aurifera, Butler, Proc. Zool. Soc. Lond. 1875, p. 7, No. 11.
———— Trans. Zool. Soc. Lond. ix, p. 549, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 2, pl. 78, fig. 4, (1881).

Recorded from Sikkim.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from N.-E. Himalayas and Sikkim.

61. PERGESA GLORIOSA.

Pergesa gloriosa, Butler, Proc. Zool. Soc. Lond. 1875, p. 246.
———— Trans. Zool. Soc. Lond. ix, p. 549, pl. 92, fig. 3, (1876).
———— Ill. Typ. Lep. Het. B. M., p. 3, pl. 78, fig. 6, (1881).

Recorded from Darjiling.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Darjiling.

Genus **Panacra**.

62. PANACRA BUSIRIS.

Panacra busiris, Walker, Cat. Lep. Het. B. M. viii, p. 158, No. 6, (1856).
———— Butler, Trans., Zool. Soc. Lond. ix, p. 549, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 6, pl. 79, fig. 2, (1881).

Recorded from Sylhet, Sikkim.
Type is in the British Museum.
In Indian Museum is one specimen from Sikkim.
In Collection, Swinhoe, from India.

63. PANACRA TESTACEA.

Perigonia testacea, Walker, Cat. Lep. Het. B. M. viii, p. 102, ♂, (1856), and xxxi, p. 29, (1864).
Agonyx emilia, Boisd., Sp. Gén. Lep. Het., p. 318, pl. 8, fig. 1, ♂, (1875).
Panacra ella, Butler, Proc. Zool. Soc. Lond. 1875, p. 246.
———— Trans. Zool. Soc. Lond. ix, p. 550, pl. 92, fig. 7. ♀, (1876).
Agonyx testacea, Moore, Lep. Ceyl. ii, p. 26, pl. 89, fig. 1, (1882).

Recorded from Sylhet and Ceylon.
Butler's type is in Collection, F. Moore.
'Walker's and Butler's descriptions are from faded specimens, (Moore).

64. PANACRA ASSAMENSIS.

Deilephila assamensis, Boisd. MS.*
Panacra assamensis, Walker, Cat. Lep. Het. B. M. viii, p. 160, No. 9, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Recorded from Sylhet.
Type is in the British Museum.

65. PANACRA AUTOMEDON.

Deilephila automedon, Boisd., MS.*
Panacra automedon, Walker, Cat. Lep. Het. B. M. viii, p. 154, No. 1 ♀, (1856).
Panacra truncata, Walker, l. c., p. 160, No. 8, ♂, (1856).
Agonyx automedon, Butler, Ill. Typ. Lep. Het. B. M. v, p. 6, pl. 79, fig. 1, (1881).

Recorded from Sylhet.
Type is in the British Museum.
In Collection, Swinhoe, are specimens from India.

66. PANACRA MYDON.

Deilephila Mydon, Boisd., MS.*
Panacra Mydon, Walker, Cat. Lep. Het. B. M. viii, p. 155, No. 2, (1856).
———— Butler, Ill. Typ. Lep. Het. B. M. v, p. 5, pl. 78, fig. 9. (1881).
Panacra scapularis (Part), Walker, l. c., p. 157, No. 5, (1856).

Recorded from Sylhet and Barrackpur.
In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Sibsagar.

67. PANACRA MINUS.

Sphinx minus, Fabr., Mant. Ins. ii, p. 96, No. 44, (1787).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).
Chærocampa minus, Walker, Cat. Lep. Het. B. M. viii, p. 262, (1856).

Recorded from India.

68. PANACRA METALLICA.

Panacra metallica, Proc. Zool. Soc. Lond. 1875, p. 6, No. 9.
———— Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Allied to *P. mydon*.
Recorded from N. India.
Type is in the British Museum.

69. PANACRA VARIOLOSA.

Panacra variolosa, Walker, Cat. Lep. Het. B. M. viii, p. 156, No. 4, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Recorded from Sylhet and Sikkim.
Allied to *P. vagans*.
In Indian Museum is a specimen from Sikkim.

70. PANACRA SCAPULARIS.

Panacra scapularis, Walker, Cat. Lep. Het. B. M. viii, p. 157, No. 5, (1856).
———— Moore, Cat. Lep. E. I. Comp. Mus., p. 269, pl. ix, figs. 5, 5a, larva and pupa, (1857).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876).
var. *Panacra elegantulus*, Herrich Schäffer, Aus. Europ. Schmett, pl. 83, fig. 479, (1858).*

Recorded from Java and Sylhet.
In Indian Museum are two doubtful specimens from Sibsagar.

71. PANACRA VIGIL.

Sphinx vigil, Guer., Delessert's Voy. dans l'Inde, pt. ii, p. 80, pl. 23, fig. 1, (1843).
Sphinx phœnyx, Herr Schäffer, Aus. Europ. Schmett., pl. 83, fig. 478, (1858).

Panacra lignaria (part), Walker, Cat. Lep. Het. B. M. viii, p. 156, (1856).
Anceryx phœnyx, Walker, Cat. Lep. Het. B. M., vol. xxxi, p. 36, (1864).
Panacra vigil, Moore, Cat. Lep. Mus. E. I. Comp. i, p. 270, (1857).
———— Semper, Verhandl. Zool. Botan. Gesell., Wien, p. 699, (1867).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876).
———— Moore, Lep. Ceyl. ii, p. 25, pl. 87, figs. 3, 3*a*, 3*b*, imago, larva and pupa, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from Coimbatoor, Bombay, S. India, Ceylon, and Philippine Islands.
In Collection, Swinhoe, are specimens from Poona, Bombay, Lower Burma.

72. PANACRA (?) BUBASTUS.

Sphinx bubastus, Cramer, Pap. Exot. ii, p. 84, pl. 149, fig. E, (1777).
Amblupterus bubastus, Hübner, Verz. Bek. Schmett., p. 133, No. 1431, (1816).
Calliomma bubastus, Walker, Cat. Lep. Het. B. M. viii, p. 112, No. 6, (1856).
Panacra (?) bubastus, Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876).

Recorded from Coromandel.

73. PANACRA PERFECTA.

Panacra perfecta, Butler, Proc. Zool. Soc. Lond. 1875, p. 391.
———— Trans. Zool. Soc. Lond. ix, p. 637, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 4, pl. 78, fig. 8, (1881).

Recorded from Darjiling.
Type is in the British Museum.
In Indian Museum is one specimen from Sikkim.

74. PANACRA VAGANS.

Panacra vagans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 4, pl. 78, fig. 7, (1881).

Recorded from Borneo and Bhutan.
Allied to *P. variolosa*.

75. PANACRA INSIGNIS.

Panacra insignis, Butler, Ann. Nat. Hist., vol. x, p. 432, (1882).

Recorded from the Andaman Islands.
Allied to *P. vigil*.

Genus **Microlophia.**

76. MICROLOPHIA SCULPTA.

Microlophia sculpta, Felder, Reise Novara Lep., pl. 75, fig. 9, (1874).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 552, (1876).

Recorded from S. India and Siam.
Type is in Collection, F. Moore.

Genus **Cypa.**

77. CYPA INCONGRUENS.

Cypa incongruens, Butler, Ill. Typ. Lep. Het. B. M. v, p. 12, pl. 80, figs. 8 and 9, (1881).

Recorded from Darjiling.
In Indian Museum is a specimen from Sikkim.

78. CYPA FERRUGINEA.

Cypa ferruginea, Walker, Cat. Lep. Het. B. M. xxxi, p. 42, (1864).
———— Boisd., Sp. Gén. Lep. Het. B. M., p. 53, (1875).*
———— Butler, Trans. Zool. Soc. Lond. ix, p. 554, (1876).
———— Moore, Lep. Ceyl. ii, p. 8, pl. 79, fig. 3, (1882).

Recorded from Ceylon.

Genus **Chærocampa.**

79. CHÆROCAMPA ELPENOR.

Sphinx elpenor, Linn., Faun. Suec., p. 288, No. 1089, (1746).*
Oreus elpenor, Hübner, Verz. Bek. Schmett., p. 136, No. 1463, (1816).
Deilephila elpenor, Stevens, Ill. Brit. Ent. Haust. i, p. 131, (1828).*
Chærocampa elpenor, Westw. and Humph., Brit. Moths, i, p. 22, pl. 51, figs. 7 and 8, (1843-45).*
———— Butler, Trans. Zool. Soc. Lond. ix, p. 554, (1876).

Recorded from Europe.
In Collection, Swinhoe, are specimens from Simla and Karachi.
In Indian Museum is a specimen from Europe.

80. CHÆROCAMPA MACROMERA.

Chærocampa macromera, Butler, Proc. Zool. Soc. Lond. 1875, p. 7.
———— Trans. Zool. Soc. Lond. ix, p. 554, (1876).
———— Hammond, Ent. xiii, p. 280, *var.* of larva, (1880).
———— Butler, Ill. Typ. Lep. Het. B M., p. 7, pl. 79, fig. 3, (1881).
———— Kane, Ent. xv, p. 234, larva, (1882).
Chærocampa elpenor, var., Walker, Cat. Lep. Het. B. M. viii, p. 128, (1856).
Chærocampa rivularis, Boisd., Sp. Gén. Lep. Het., p. 280, (1875).*

Recorded from Sylhet and Shillong.
Type is in the British Museum.
In Indian Museum are specimens from Shillong.
In Collection, Swinhoe, from Shillong.
Chærocampa macromera, *C. fraterna*, and *C. elpenor*, are very closely allied.

81. CHÆROCAMPA FRATERNA.

Chærocampa fraterna, Butler, Proc. Zool. Soc. Lond. 1875, p. 247.
———— Trans. Zool. Soc. Lond. ix, p. 554, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 7, pl. 79, fig. 4, (1881).

Recorded from Simla, Almora.
In Indian Museum is a specimen, from Sikkim, besides others without history.
In Collection, Swinhoe, from Simla and Sikkim.
Closely allied to *C. macromera*.

82. CHÆROCAMPA MIRABILIS.

Chærocampa mirabilis, Butler, Proc. Zool. Soc. Lond. 1875, p. 248.
———— Trans. Zool. Soc. Lond. ix, p. 554, pl. 92, fig. 1, (1876).

Recorded from N.-W. Himalayas.
Type is in Collection, F. Moore.

83. CHÆROCAMPA ALECTO.

Sphinx alecto, Linn., Syst. Nat., Tom. I, pt. V, p. 2384, No. 20.
——— Drury, Ill. Exot. Ins. ii, p. 48, pl. 27, fig. 4, (1773).
——— Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. D, (1777).
Isoples alecto, Hübner, Verz. Bek. Schmett. p. 135, No. 1453, (1816).
Sphinx cretica, Boisd., Ann. Soc. Linn. Paris, vi, p. 118, pl. 6, fig. 5, (1827).*
Deilephila alecto, Boisd., Ind. Meth. p. 46, No. 376, (1829).*
Chærocampa alecto, Walker, Cat. Lep Het. B. M. viii, p. 130, No. 3, (1856).
——— Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, p. 138, No. 175, (1882).
Chærocampa cretica, Roberts and Butler, Proc. Zool. Soc. Lond. 1880, p. 411, pl. 39, fig. 8, larva.
——— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346.

Recorded from Turkey, N. India, Sylhet, and Bombay.
In Indian Museum are specimens from Sikkim, Calcutta, Raniganj, Sibsagar, Buxa, and Karachi.
In Collection, Swinhoe, from Kasauli, Darjiling, Mhow, Poona, Bombay.

84. CHÆROCAMPA ELEGANS.

Chærocampa elegans, Butler, Proc. Zool. Soc. Lond. 1875, p. 8. pl. 2, fig. 1.
——— Trans. Zool. Soc. Lond. ix, p. 556, (1876).

Recorded from Java and Sylhet.
Type is in the British Museum.
Closely allied to *C. Theylia*.

85. CHÆROCAMPA THEYLIA.

Sphinx theylia, Linn., Syst. Nat. 12, 803, 24, (1767).
Sphinx thyelia (sic), Fabr, Sp. Ins. ii, 153, 60, (1781).
Sphinx boerhaviæ, Fabr., Sp. Ins. ii, 148, 39, (1781).
Sphinx pluto, Fabr., Sp. Ins. ii, 148, 40, (1781).
Sphinx pinastrina, Martyn, Psyche, pl. 30, fig. 85, (1797).*
Sphinx octopunctata, Gmel., Syst. Nat. i, 5, 2386.*
Isoples Theylia, Hübn., Verz. Bek. Schmett., p. 135, 1455, (1816).
——— Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 5, (1882).
Chærocampa eson (part), Walker, Cat. Lep. Het. B. M. viii, p. 137, No. 17, (1856).
Chærocampa thyelia (sic), Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, No. 638, (1857).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288, No. 13.
Chærocampa theylia, Butler, Trans. Zool. Soc. Lond. ix, p. 556, No. 13, (1876).
——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 388, pl. 15, larva.

Recorded from India, Ceylon, China, Java, and Sarawak.
In Indian Museum are specimens from Calcutta, N.-E. Frontier, Ceylon, and Java.
In Collection, Swinhoe, from Deesa, Bombay, Mhow, Sikkim, Poona, Simla, Karachi, Ceylon.

86. CHÆROCAMPA RAFFLESII.

Chærocampa rafflesii, Butler, Trans. Zool. Soc. Lond. ix, p. 556, (1876).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Isoples rafflesii, Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 3. (1882).
Sphinx theylia, Cramer, Pap. Exot. iii, i, p. 58, pl. 226, fig. F, (1779).

Recorded from Bombay, Kanara, Ceylon, Madras, and Java.
Type is in the British Museum.

In Indian Museum are specimens from Sikkim, Utakamand, and Java.

In Collection, Swinhoe, from Poona, Bombay, Ceylon.

87. CHÆROCAMPA STIPULARIS.

Chærocampa stipularis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346, pl. 9, fig. 1.

Recorded from Afghanistan.

Type is in the British Museum.

88. CHÆROCAMPA CELERIO.

Sphinx celerio, Linn., Syst. Nat., ed. xii, p. 800, No. 12, (1767).
——— Cramer, Pap. Exot. ii, p. 42, pl. 125, fig. E, (1775).
Sphinx tisiphone, Linn., Syst. Nat., ed. xii, p. 803, No. 23, (1767).
Hippotion celerio, Hübner, Verz. Bek. Schmett. p. 135, No. 1450, (1816).
——— Moore, Lep. Ceyl. ii, p. 16, pl. 84, fig. 4, (1882).
Hippotion ocys, Hübner, l. c., p. 135, No. 1451, (1816).
Deilephila celerio, Stephens, Ill. Brit. Ent. Haust. i, p. 128, (1828).*
Phalæna inquinalis, Harris, Ex., p. 93, pl. 28, fig. 1, (1781).*
Chærocampa celerio, Duponchel, Lep. France, Suppl. ii, p. 159, (1835).*
——— Walker, Cat. Lep., Het. B. M. viii, p. 128, No. 2, (1856).
——— Moore, Cat. Lep. Mus., E. I. Comp. i, p. 274, pl. 11, figs. 1, 1*a*, (1857).
——— Boisd., Sp. Gén. Lep. Het. i, p. 238, No. 18, (1875).*
——— Butler, Trans. Zool. Soc., Lond., ix, p. 557, No. 23, (1876).
——— Kirby, Ent. Monthly Mag. xiv, p. 185, (1877).
——— Green, Entomologist, xiv, p. 255, (1881).
——— Aurivillius, Vet. Akad. Handl. Stockholm, vol. 19, No. 5, p. 139, (1882).
——— Forsayeth, Trans. Ent. Soc., Lond., 1884, p. 388.
——— Swinhoe, Proc. Zool. Soc., Lond., 1884, p. 513, and 1885, p. 288.

Recorded from Europe, Africa, the whole of India, Java, Borneo, Australia, and Fiji.

In Indian Museum are specimens from Kulu, Calcutta, and Simla.

In Collection, Swinhoe, from Kasauli, Karachi, Bombay, Mhow, Poona, Deesa, Aden.

89. CHÆROCAMPA DRANCUS.

Sphinx drancus, Cramer, Pap. Exot. ii, p. 56, pl. 132, fig. F., (1777).
Xylophanes drancus, Hübner, Verz. Bek., Schmett, p 136, No. 1460 (1816).
Chærocampa drancus, Walker, Cat. Lep. Het. B. M. viii, p. 133, No. 9, (1856).
——— Butler, Trans. Zool. Soc., Lond. ix, p. 559 (1876).

Recorded from the East Indies and West Indies.

90. CHÆROCAMPA OLDENLANDIÆ.

Sphinx oldenlandiæ, Fabr., Sp. Ins. ii, p. 148, No. 37, (1781).
Xylophanes gortys, Hübner, Samml. Exot. Schmett, Zutr., figs. 513, 514, (1816).*
Chærocampa oldenlandiæ, Walker, Cat. Lep. Het. B. M. viii, p. 142, No. 25, (1856).
——— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 278, pl. ii, figs. 4, 4*a*, (1857).
——— Butler, Trans. Zool. Soc., Lond. ix, p. 559, pl. 91, fig. 1, (1876).
——— Forsayeth, Trans. Ent. Soc., Lond. 1884, p. 390.
——— Swinhoe, Proc. Zool. Soc., Lond., 1884, p. 514.
Xylophanes oldenlandiæ, Moore, Lep. Ceyl. ii, p. 17, pl. 85, figs. 1, 1*a*, imago and larva, (1882).

Recorded from Landour, Bombay, Karachi, Mhow, Deesa, Ceylon, Shanghai, and Java.

In Indian Museum are specimens from Calcutta, Kulu, Manbhum, and Sikkim.

In Collection, Swinhoe, from Simla, Belgaum, Bombay, Deesa, Karachi, Mhow, Poona, Sikkim.

91. CHÆROCAMPA ROSINA.

Chærocampa rosina, Butler, Proc. Zool. Soc., Lond., 1875, p. 248, pl. 37, fig. 6.
——————— Trans. Zool. Soc., Lond. ix, p. 559, (1876).

Recorded from Masuri.

Type is in Collection, F. Moore.

Allied to *C. lycetus*.

In Indian Museum is a specimen from Sikkim, and one with no history.

In Collection, Swinhoe, from Sikkim.

92. CHÆROCAMPA PUELLARIS.

Chærocampa puellaris, Butler, Proc. Zool. Soc., Lond., 1875, p. 623.
——————— Trans. Zool. Soc., Lond., ix, p. 638, (1876).

Recorded from Rawalpindi and Simla.

Allied to *C. oldenlandiæ*.

93. CHÆROCAMPA SILHETENSIS.

Chærocampa silhetensis, Walker, Cat. Lep. Het., B. M. viii, p. 143, No. 27 (1856).
——————— Butler, Trans. Zool. Soc., Lond. ix, p. 560, pl. 92, fig. 8, larva and pupa, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 8, pl. 79, fig. 6, (1881).
Xylophanes pinastrina, Moore, Lep. Ceyl. ii, p. 18, pl. 87, fig. 2, (1882).

Recorded from Sylhet, Ceylon, Java, and Borneo.

In Indian Museum are specimens from Calcutta, Kulu, and Ceylon.

In Collection, Swinhoe, from India.

94. CHÆROCAMPA LYCETUS.

Sphinx lycetus, Cramer, Pap. Exot. i, p. 96, pl. 61, fig. D, (1775).
Xylophanes lycetus, Hübner, Verz. Bek. Schmett, p. 136, No. 1457, (1816).
Chærocampa lycetus, Walker, Cat. Lep. Het. B. M. viii, p. 143, No. 26, (1856).
——————— Butler, Trans. Zool. Soc., Lond. ix, p. 560, (1876).

Recorded from Bengal.

Allied to *C. oldenlandiæ*.

In Indian Museum is a doubtful specimen from Sikkim.

95. CHÆROCAMPA LUCASII.

Chærocampa lucasii, Walker, Cat. Lep. Het. B. M. viii, p. 141, No. 24, (1856).
——————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 277, pl. 11, figs. 3, 3*a*, larva and pupa, (1857).
——————— Boisd., Sp. Gén. Lep. Het. B. M., p. 254, (1875).*
——————— Butler, Trans. Zool. Soc., Lond. ix, p. 560, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 8, pl. 79, fig. 5, (1881).

Chærocampa lucasii, Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 289.
Hathia lucasii, Moore, Lep. Ceyl. ii, p. 20, pl. 86, fig. 3, (1882).

Recorded from Sylhet, Bombay, Java, Borneo, and Hongkong.
In Indian Museum are specimens from Sibsagar and Java, besides a closely allied form from Australia.
In Collection, Swinhoe, from Bombay, Sylhet.

96. CHÆROCAMPA TENEBROSA.

Chærocampa tenebrosa, Moore, Proc. Zool. Soc. Lond., p. 595, (1877).
Hathia tenebrosa, Moore, Lep. Ceyl. ii, p. 20, pl. 86, figs. 2, 2*a*, larva, (1882).

Recorded from Ceylon.

97. CHÆROCAMPA VELOX.

Sphinx velox, Fabr., Ent. Syst. iii, 1, p. 378, No. 68, (1793).
Chærocampa velox, Walker, Cat. Lep. Het. B. M. viii, p. 146, (1856).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 561, (1876).

Recorded from India.
Allied to *C. porcus* and *C. tersa*.

98. CHÆROCAMPA CLOTHO.

Sphinx clotho, Drury, Ill. Exot. Ins. ii, p. 48, pl. 28, fig. 1, (1773).
Chærocampa clotho, Walker, Cat. Lep. Het. B. M. viii, p. 141, No. 23, (1856).
——————— Semper, Verh. Zool.-botan. Ges. Wien, p. 700, pl. 23, figs. 3*a*, 3*b*, 3*c*, larva and pupa, (1867).
——————— Butler, Trans. Zool. Soc., London, ix, p. 561, (1876).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Hathia clotho, Moore, Lep. Ceyl. ii, p. 20, pl. 87, fig. 1, (1882).
Sphinx batus, var., Fabr. Ent. Syst. iii, p. 377, No. 64, (1793).

Recorded from Sylhet, Moulmein, Masuri, Bombay, and Ceylon.
In Indian Museum are specimens from Sibsagar, Sikkim, Raniganj, and Bangalore.
In Collection, Swinhoe, from Bombay, Belgaum, Sikkim and Ceylon.

99. CHÆROCAMPA ASPERSATA.

Chærocampa aspersata, Kirby, Trans. Ent. Soc. Lond. 1877, p. 241.
——————— Waterhouse, Aid, vol. i, pl. 97, (1882).

Recorded from Andaman Islands.
Allied to *C. clotho* and *C. gonograpta*; Mr. Butler considers this species to be but a dark variety of *C. clotho*.

100. CHÆROCAMPA PUNCTIVENATA.

Chærocampa punctivenata, Butler, Proc. Zool. Soc. Lond. 1875, p. 248.
——————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Recorded from Masuri, Sylhet, and Bombay.
Allied to *C. clotho*.
Type is in Collection, F. Moore.
In Indian Museum are specimens from Sibsagar and Sikkim.
In Collection, Swinhoe, from Bombay and Sikkim.

101. CHÆROCAMPA GONOGRAPTA.

Chærocampa gonographa, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.
——————————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Recorded from Bombay and South India.
Allied to *C. clotho*.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Poona, Belgaum, Bombay.

102. CHÆROCAMPA MINOR.

Chærocampa minor, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.
——————————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).

Recorded from Masuri.
Allied to *C. lineosa*.
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sibsagar.

103. CHÆROCAMPA MAJOR.

Chærocampa major, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.
——————————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).

Recorded from Darjiling and Sylhet.
Allied to *C. lineosa*.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sylhet.

104. CHÆROCAMPA LINEOSA.

Chærocampa lineosa, Walker, Cat Lep. Het. B. M. viii, p. 144, No. 28, (1856).
——————————— Butler, Trans. Zool. Soc. Lond. ix, p. 562, (1876).
——————————— Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 79, fig. 7, (1881).

Recorded from Sikkim and Sylhet.
Type is in British Museum.
In Indian Museum are specimens from Cherrapunji and Sikkim.
In Collection, Swinhoe, from Sylhet, Sikkim.

105. CHÆROCAMPA NESSUS.

Sphinx nessus, Drury, Ill. Ins. Exot. ii, p. 46, pl. 27, fig. 1, (1773).
——————————— Cramer, Pap. Exot. iii, p. 58, pl. 226, fig. D, (1779).
Sphinx equestris, Fabr., Ent. Syst. iii, p. 365, No. 29, (1793).
Theretra equestris, Hübner, Verz. Bek. Schmett., p. 135, No. 1446, (1816).
Chærocampa nessus, Walker, Cat. Lep. Het. B. M. viii, p. 140, No. 22, (1856).
——————————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, pl. 11, fig. 2, 2 *a*, larva and pupa, (1857).
——————————— Butler, Trans. Zool. Soc. Lond. ix, p. 565, larva and pupa, (1876).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514; 1885, p. 288.
Chærocampa rubicundus, Schaufuss, Nunquam Otiosus, i, p. 18, (1870).*
Theretra nessus, Moore, Lep. Ceyl. ii, p. 22, pl. 86, fig. 1, (1882).

Recorded from Sylhet, Moulmein, Bombay, Karachi, Kanara, Ceylon, Hongkong, and Java.
In Indian Museum are specimens from Sibsagar, Sylhet, Shillong, Sikkim, and Ceylon.
In Collection, Swinhoe, from Karachi, Belgaum, Bombay.

106. CHÆROCAMPA PALLICOSTA.

Chærocampa pallicosta, Walker, Cat. Lep. Het. B. M. viii, p. 145, No. 31, (1856).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 566, (1876).
———————— Ill. Typ. Lep. Het. B. M. iii, p. 1, pl. 41, fig. 2, (1879).
Gnathothlibus pallicosta, Moore, Lep. Ceyl. ii, p. 21, pl. 84, fig. 6, (1882).

Recorded from Sylhet, Ceylon, and Hongkong.
Type is in the British Museum.
In Collection, Swinhoe, are specimens from Sylhet.

107. CHÆROCAMPA EROTUS.

Sphinx erotus, Cramer, Pap. Exot. ii, p. 12, pl. 104, fig. B. (1777).
Chromis erotus, Hübner, Verz. Bek. Schmett., p. 138, No. 1479, (1816).
Chærocampa erotus, (part), Walker, Cat. Lep. Het. B. M. viii, p. 146, No. 34, (1856).
———————— Koch, Stett. Ent. Zeit. 1871, p. 239 (note).
var. *Chærocampa andamanensis*, Kirby, Trans. Ent. Soc. Lond. 1877, p. 242.
———————— Waterhouse, Aid, iii, pl. 141, figs. 1-4, (1884).*

Recorded from Australia, Solomon Islands, the var. *Andamanensis* being from the Andaman Islands.
Allied to *C. erotoides*.
In Indian Museum are two specimens from Australia and one from the Andaman Islands.

108. CHÆROCAMPA PRUNOSA.

Chærocampa prunosa, Butler, Proc. Zool. Soc. Lond. 1875, p. 622.
Xylophanes prunosa, Moore, Lep. Ceyl. ii, p. 18, pl. 84, fig. 2, (1882).

Recorded from Ceylon.
Allied to *C. rosina*.
In Collection, Swinhoe, are specimens from India.

Genus **Deilephila.**

109. DEILEPHILA LIVORNICA.

Sphinx livornica, Esper. Ausl. Schmett. ii, pp. 87, 196, pl. 8, fig. 4, (1785).*
Sphinx lineata, Fabr., Sp. Ins. ii, p. 147, No. 34, (1781).
Sphinx kochlini, Fuessly, Arch. Ins. Gesch. p. 10, pl. 33, figs. 1-6, larva and pupa, (1794).*
Phryxus livornica, Hüb., Verz. Bek. Schmett., p. 137, No. 1468, (1816).
Deilephila livornica, Stephens, Cat. Brit. Lep. B. M., pt. 1, p. 28, (1850).*
———————— Walker, Cat. Lep. Het. B. M. viii, p. 164, (1856).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 568, (1876).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 513, and 1885, p. 287.
Trans. Ent. Soc. Lond. 1885, p. 346.
———————— Bignell, Entomologist, v., pp. 169, 180, 214, larva and pupa, (1870).*
———————— Hellins, Ent. Monthly Mag. vii, p. 99, larva and pupa.

Recorded from Europe, Tunis, and various parts of India.
In Indian Museum is a specimen from Sagar, and one received from the Karachi Museum.
In Collection, Swinhoe, are specimens from Simla, Umballa, Karachi, Bombay, Deesa, Mhow, and Quetta.

110. DEILEPHILA LATHYRUS.

Deilephila lathyrus, Walker, Cat. Lep. Het. B. M. viii, p. 172, No. 16, (1856).
———————— Boisd., Sp. Gén. Lep. Het. i, pl. 6, fig. 2, (1875).*
———————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 80, fig. 1, (1881).

Recorded from Almora.
In Indian Museum is one doubtful specimen with no history.

111. DEILEPHILA ROBERTSI.

Deilephila Robertsi, Butler, Proc. Zool. Soc. Lond. 1880, p. 412, pl. 39, figs. 9 and 10, larva and pupa.

Recorded from Candahar.

Genus **Daphnis.**

112. DAPHNIS NERII.

Sphinx nerii, Linn., Syst. Nat. i, 2, p. 798, No. 5, (1767).
———————— Cramer, Pap. Exot. iii, p. 51, pl. 224, fig. D, (1779).
Daphnis nerii, Hübner, Verz. Bek. Schmett., p. 134, No. 1441, (1816).
———————— Walker, Cat. Lep. Het. B. M. viii, p. 188, (1856).
———————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 272, pl. 10, figs. 3,3*a*, larva and pupa, (1857).
———————— Butler, Proc. Zool. Soc. Lond. 1881, p. 613 (note), larva and pupa.
———————— Moore, Lep. Ceyl. ii, p. 14, pl. 82, fig. 1, imago fig. 1*a*, larva and pupa, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 513, 1885, p. 288, larva and pupa.
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 390, pl. xv, larva and pupa.
Deilephila nerii, Boisd., Faune Ent. de Madag., p. 74, No. 6, (1833).*
Chærocampa nerii, Curtis, Brit. Ent. xiii, pl. 626, (1837).*

Recorded from Europe, S. Africa, Mauritius, Kanara and Bombay.
In Indian Museum are specimens from Calcutta, Sikkim, and Buxa; also a smaller variety received from the Karachi Museum.
In Collection, Swinhoe, are specimens from Roorkee, Karachi, Utacamand, Mhow, Poona, and Bombay.

113. DAPHNIS HYPOTHOËS.

Sphinx hypothoës, Cramer, Pap. Exot. iii, p. 165, pl. 285, fig. D, (1780).
Daphnis hypothoës, Hübner, Verz. Bek. Schmett., p. 134, No. 1440, (1816).
Darapsa hypothoës, (part) Moore, Cat. Lep. Mus. E. I. Comp., p. 271, pl. 10, figs. 2 and 2*a*, larva and pupa, (1857).
———————— Lep. Ceyl. ii, p. 15, pl. 83, figs. 1 and 1*a*, imago, larva and pupa, (1882).
Chærocampa hypothoës, Boisd., Sp. Gén. Lep. Het., p. 226, (1875).*

Recorded from Sikkim, Ceylon, Java, Labuan, and Sarawak.
In Indian Museum are specimens from Sikkim, Sibsagar, Calcutta, Ceylon, and the Andaman Islands.
In Collection, Swinhoe, from Ceylon and Sikkim.

114. DAPHNIS MINIMA.

Daphnis minima, Butler, Trans. Zool. Soc. Lond. ix, p. 573, pl. 92, fig. 5, (1876).

Recorded from S. India.
Type is in Collection, F. Moore.

115. DAPHNIS BHAGA.

Daphnis bhaga, Moore, Proc. Zool. Soc. Lond. 1865, p. 794.
———— Butler, Trans. Zool. Soc. Lond. ix, p. 573, (1876).

Recorded from N.-E. Bengal.
Type is in Collection, F. Moore.
In Indian Museum are specimens from Sikkim.

116. DAPHNIS ANDAMANA.

Daphnis andamana, Druce, Ent. Monthly Mag. xix, p. 16.

Recorded from the Andaman Islands.
Allied to *D. bhaga*.

117. DAPHNIS LAYARDII.

Daphnis layardii, Moore, Lep. Ceyl. ii, p. 16, pl. 84, fig. 1, (1882).

Recorded from Ceylon.

Sub-Family III.—AMBULACINAE.

Genus **Ambulyx**.

118. AMBULYX SUBSTRIGILIS.

Sphinx (*Ambulyx*) *substrigilis*, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 2, (1848).
Ambulyx substrigilis, Walker, Cat. Lep. Het. B. M. viii, p. 122, No. 3, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 579, (1876).

Recorded from Sikkim and Sylhet.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

119. AMBULYX MACULIFERA.

Ambulyx maculifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1851, (1866).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 580, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 10, pl. 80, fig. 3, (1881).

Recorded from Darjiling.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.
This species is perhaps a variety of *A. substrigilis*, to which it is very closely allied.

120. AMBULYX CONSANGUIS.

Ambulyx consanguis, Butler, Ill. Typ Lep. Het. B. M. v, p. 11, pl. 80, fig. 4, (1881).

Recorded from Darjiling.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.
This species is perhaps a variety of *A. substrigilis*, to which it is very closely allied.

121. AMBULYX RHODOPTERA.

Ambulyx rhodoptera, Proc. Zool. Soc. Lond. 1875, p. 251.
——————— Trans. Zool. Soc. Lond. ix, p 580, pl. 93, fig. 8, (1876).

Recorded from Darjiling.
Type is in Collection, F. Moore.

122. AMBULYX SERICEIPENNIS.

Ambulyx sericeipennis, Butler, Proc. Zool. Soc. Lond. 1875, p. 251.
——————— Trans. Zool. Soc. Lond. ix, p. 580, (1876).

Recorded from Masuri, Sikkim, and Simla.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Simla and Sikkim.

123. AMBULYX LAHORA.

Ambulyx lahora, Butler, Proc. Zool. Soc. Lond. 1875, p. 251.
——————— Trans. Zool. Soc. Lond. ix, p. 580, pl. 93, fig. 9, (1876).

Recorded from N.-W. Himalayas.
Type is in Collection, F. Moore.

124. AMBULYX TURBATA.

Ambulix turbata, Butler, Proc. Zool. Soc. Lond. 1875, p. 252.
——————— Trans. Zool. Soc. Lond. ix, p. 580, pl. 93, fig. 7, (1876).
——————— Moore, Lep. Ceyl. ii, p. 12, pl. 80, fig. 1, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289, No. 22.

Recorded from Darjiling, Bombay, Belgaum, Kanara, and Ceylon.
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sikkim.
In Collection, Swinhoe, from Sikkim and Belgaum.

125. AMBULYX JUNONIA.

Ambulyx junonia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 80, fig. 2, (1881).

Recorded from Bhutan.
Allied to *A. rubricosa*.

126. AMBULYX ELWESI.

Ambulyx elwesi, Druce, Ent. Monthly Mag. xix, p. 17, (1882).
——————— Waterhouse, Aid, ii, pl. 136, fig. 3, (1883).*

Recorded from Darjiling.
Type is in Collection, Druce.
In Indian Museum is a specimen from Sikkim.

127. AMBULYX RUBRICOSA.

Ambulyx rubricosa, Walker, Cat. Lep. Het. B. M. viii, p. 122, No. 4, (1856).
Basiana superba, Moore, Proc. Zool. Soc. Lond. 1865, p. 793.
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 582, (1876).

Recorded from Calcutta and Darjiling.
In Indian Museum are specimens from Sikkim, which are very variable in colour.
In Collection, Swinhoe, from Sikkim.

128. AMBULYX AURIPENNIS.

Ambulyx auripennis, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.
———— Moore, Lep. Ceyl. ii, p. 11, pl. 79, figs. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).

Recorded from Ceylon.

129. AMBULYX THWAITESII.

Ambulyx thwaitesii, Moore, Lep. Ceyl. ii, p. 11, pl. 80, figs. 2, 2*a*, 2*b*, imago, larva and pupa, (1882).

Recorded from Ceylon.

Genus **Philampelus.**

130. PHILAMPELUS (?) ORIENTALIS.

Philampelus orientalis, Felder, Reise Novara, Lep., pl. 77, fig. 1, ♂, (1874).

Sub-Family IV.—SMERINTHINAE.

Genus **Mimas.**

131. MIMAS DECOLOR.

Smerinthus decolor, Walker, Cat. Lep. Het. B. M. viii, p. 255, No. 19, (1856).
———— Schaufuss, Nunquam Otiosus, i, p. 14, (1871).*
Mimas decolor, Butler, Trans. Zool. Soc. Lond. ix, p. 583, (1876).

Recorded from Darjiling.
In Indian Museum is a specimen from Tavoy.

Genus **Polyptychus.**

132. POLYPTYCHUS DENTATUS.

Sphinx dentata, Cramer, Pap. Exot. ii, p. 42, pl. 125, fig. G, (1777).
Polyptychus dentatus, Hübner, Verz. Bek. Schmett. p. 141, No. 1514, (1816).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 583, pl. 91, fig. 10, larva and pupa, (1876).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.
Smerinthus dentatus, Walker, Cat. Lep. Het. viii, p. 252, No. 14, (1856).

Recorded from Bengal, Sikkim, and Bombay.
In Indian Museum are specimens from Sikkim.

133. POLYPTYCHUS TIMESIUS.

Sphinx timesius, Stoll., Suppl. Cramer, Pap. Exot. p. 172, pl. 40, fig. 1, (1790).
Sphinx modesta, Fabr., Ent. Syst. iii, i, p. 356, No. 4, (1793).
Smerinthus timesius, Walker, Cat. Lep. Het. B. M. viii, p. 252, No. 15, (1856).
Polyptychus timesius, Butler, Trans. Zool. Soc. Lond., ix, p. 584, (1876).

Recorded from Tranquebar, Masuri, Sylhet, Nepal, and North China.
Allied to *P. dentatus*.
In Indian Museum are specimens from the Naga Hills and Sikkim.

Genus **Langia**.

134. LANGIA ZENZEROIDES.

Langia zenzeroides, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 585, (1876).
——————— Gott, Ent. Monthly Mag. xiv, p. 116, larva and pupa.

Recorded from Simla.
Type is in Collection, Lang.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Simla and Sikkim.

135. LANGIA KHASIANA.

Langia khasiana, Moore, Proc. Zool. Soc. Lond. 1872, p. 568.
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 586, (1876).

Recorded from the Khasi Hills.
Type is in Collection, F. Moore.

Genus **Triptogon**.

136. TRIPTOGON CRISTATA.

Triptogon cristata, Butler, Proc. Zool. Soc. Lond. 1875, p. 253, No. 39.
——————— Trans. Zool. Soc. Lond. ix, p. 586, (1876).

Recorded from Sikkim.
Allied to *T. gigas*.
Type is in Collection, Farr.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

137. TRIPTOGON GIGAS.

Triptogon gigas, Butler, Proc. Zool. Soc. Lond. 1875, p. 253, No. 38.
——————— Trans. Zool. Soc. Lond, ix, p. 586, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 12, pl. 80, fig. 5, (1881).

Recorded from Sylhet.
Type is in the British Museum.

138. TRIPTOGON FLORALE.

Ambulyx floralis, Butler, Trans. Zool. Soc. Lond. ix, p. 639, (1876).
Triptogon florale, Butler, Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 1, (1881).

Recorded from Darjiling.
In Indian Museum is a specimen from Sikkim.
In Collection, Swinhoe, from Sikkim.

139. TRIPTOGON ALBICANS.

Triptogon albicans, Butler, Proc. Zool. Soc. Lond. 1875, p. 254, No. 40.
——————— Trans. Zool. Soc. Lond. ix, p. 586, pl. 93, fig. 6, (1876).

Recorded from Masuri and Dharmsala.
Allied to *T. gigans*.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Dharmsala.

140. TRIPTOGON DYRAS.

Smerinthus dyras, Walker, Cat. Lep. Het. B. M. viii, p. 250, No. 13, (1856).
Triptogon dyras, Butler, Trans. Zool. Soc. Lond. ix, p. 586, (1876).
Marumba dyras, Moore, Lep. Ceyl. ii, p. 9, pl. 78, figs. i, i*a*, i*b*, ic, imago, larva and pupa, (1882).

Recorded from Sylhet, Sikkim, Kanara, and Ceylon.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim and Sibsagar.
In Collection, Swinhoe, from Sikkim, Sylhet, Subathu.

141. TRIPTOGON CEYLONICA.

Triptogon ceylonica, Butler, Proc. Zool. Soc. Lond. 1875, p. 255.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, (1876).
Smerinthus dyras, ♂, Walker, Cat. Lep. Het. B. M. viii, p. 250, (1856).
Marumba ceylonica, Moore, Lep. Ceyl. ii, p. 9, pl. 97, fig. 2, (1882).

Recorded from Ceylon.
A local form of *T. dyras*.

142. TRIPTOGON SILHETENSIS.

Triptogon silhetensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 255, No. 440.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, (1876).

Recorded from Sylhet.
A local form of *T. dyras*.
In Collection, Swinhoe, are specimens from Sikkim and Sylhet.

143. TRIPTOGON ORIENS.

Triptogon oriens, Butler, Proc. Zool. Soc. Lond. 1875, p. 255, No. 45.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, pl. 93, fig. 3, (1876).

Recorded from N.-E. India.
A local form of *T. dyras*.
Type is in Collection, F. Moore.

144. TRIPTOGON MASSURENSIS.

Triptogon massurensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 46.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587 pl. 93, fig. 5, (1876).

Recorded from Masuri.
A local form of *T. dyras*.
Type is in Collection, F. Moore.

145. TRIPTOGON FUSCESCENS.

Triptogon fuscescens, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 47.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, pl. 93, fig. 2, (1876).

Recorded from Darjiling.
A local form of *T. dyras*.
Type is in Collection, F. Moore.

146. TRIPTOGON DECORATA.

Smerinthus decoratus, Moore, Proc. Zool. Soc. Lond. 1872, p. 568.
Triptogon decorata, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).

Recorded from Sikkim.

147. TRIPTOGON SPECTABILIS.

Triptogon spectabilis, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 48.
——————— Trans. Zool. Soc. Lond. ix, p. 588, pl. 93, fig. i, (1876).

Recorded from Darjiling.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Darjiling.

148. TRIPTOGON ANDAMANA.

Triptogon andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 595.

Recorded from the South Andaman Islands.

149. TRIPTOGON RECTILINEA.

Triptogon rectilinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.
——————— Waterhouse, Aid, ii, pl. 140, fig. 5.*

Recorded from N. India.

150. TRIPTOGON INDICA.

Smerinthus indicus, Walker, Cat. Lep. Het. B. M. viii, p. 251, No. 17, (1856).
Triptogon indica, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 2, (1881).

Recorded from N. India.
Type is in the British Museum.
In Indian Museum is a specimen with no history.

Genus **Smerinthus**.

151. SMERINTHUS KINDERMANII.

Smerinthus kindermanii, Lederer, Verh. Zool. Bot. Ver. Wien, ii, pt. 2, p. 92, (1853).
——————— Erschoff, Lep. Turk., p. 26, No. 81, pl. 2, fig. 19, (1874).*
Calasymbolus kindermanni, Butler, Trans. Zool. Soc. Lond. ix, p. 592, (1876).
Eusmerinthus kindermanni, Butler, Proc. Zool. Soc. Lond. 1880, p. 413, No. 26, pl. 39, figs. 11, 12, larva and pupa.

Recorded from Kandahar, Pontus.

Genus **Daphnusa**.

152. DAPHNUSA PORPHYRIA.

Daphnusa porphyria, Butler, Trans. Zool. Soc. Lond. ix, p. 640, (1876).

Recorded from Darjiling.
In Collection, Swinhoe, are specimens from Darjiling.

Genus **Leucophlebia.**

153. LEUCOPHLEBIA LINEATA.

Leucophlebia lineata, Westw., Cab. Or. Ent., p. 46, pl. 22, fig. 2, (1848).
——————— Walker, Cat. Lep. Het. B. M. ix, p. 136, No. 1, (1856).
——————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 65, pl. 8, fig. 5, larva, (1857).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 594, (1876).

Recorded from Nepal, N. India, and Java.
In Indian Museum are specimens from Goalpara, the Khasi Hills, and Sibsagar.
In Collection, Swinhoe, from India.

154. LEUCOPHLEBIA ROSACEA.

Leucophlebia rosacea, Butler, Proc. Zool. Soc. Lond. 1875, p. 15, pl. 2, fig. 4, ♂.
——————— Trans. Zool. Soc. Lond. ix, p. 595, (1876).
——————— Moore, Lep. Ceyl. ii, p. 10, pl. 80, fig. 3, (1882).

Recorded from Kasauli, Coimbatore, and Ceylon.
Allied to *L. lineata*.
Type is in the British Museum.
In Indian Museum is a specimen from Barrackpur, and one with no history.

155. LEUCOPHLEBIA BICOLOR.

Leucophlebia bicolor, Butler, Proc. Zool. Soc. Lond. 1875, p. 16, No. 33, pl. 2, fig. 5, (1875).
——————— Trans. Zool. Soc. Lond. ix, p. 595, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 6, (1881).

Recorded from Almorah, Bombay, and Mhow.
Allied to *L. lineata* and *L. emittens*.
Type is in the British Museum.
In Indian Museum are specimens from Yarkand.
In Collection, Swinhoe, from Simla, Sattara, Mhow.

156. LEUCOPHLEBIA EMITTENS.

Leucophlebia emittens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1858, (1866).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).

Recorded from India.
Type is in the British Museum.

157. LEUCOPHLEBIA DAMASCENA.

Leucophlebia damascena, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.
——————— Trans. Zool. Soc. Lond. ix, p. 639, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 7, (1881).

Recorded from Sikkim.
Allied to *L. bicolor*.
In Collection, Swinhoe, are specimens from India.

Genus **Clanis.**

158. CLANIS DEUCALION.

Basiana deucalion, Walker, Cat. Lep. Het. B. M. viii, p. 236, No. 1, (1856).
Clanis deucalion, Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).
———— Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 394.

Recorded from North India.
Closely allied to *C. bilineata.*
In Indian Museum are specimens from Shillong.

159. CLANIS BILINEATA.

Basiana bilineata, Walker, Cat. Lep. Het. B. M xxxv, p. 1857, (1866).
Clanis bilineata, Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 14, pl. 81, fig. 4, (1881).

Recorded from Darjiling and Shanghai.
Closely allied to *C. deucalion.*
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Darjiling.

160. CLANIS CERVINA.

Basiana cervina, Walker, Cat. Lep. Het. B. M. viii, p. 237, No. 2, (1856).
Clanis cervina, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 15, pl. 81, fig. 6, (1881).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 393, pl. xv. figs. 1 and 2.

Recorded from Bengal and Madras.
In Indian Museum are specimens with no history.

161. CLANIS PUDORINA.

Smerinthus pudorinus, Walker, Cat. Lep. Het. B. M. viii, p. 253, No. 16, (1856).
Basiana pudorina, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).

Recorded from Almorah.
Type is in the British Museum.

162. CLANIS EXUSTA.

Basiana exusta, Butler, Proc. Zool. Soc. Lond., 1875, p. 252, No. 37, (1875).
———— Trans. Zool. Lond. ix, p. 595, pl. 93, fig. 4, (1876).

Recorded from Kunawar, Kashmir, Simla.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Simla.

163. CLANIS PHALARIS.

Sphinx phalaris, Cramer, Pap. Exot. ii, p. 83, pl. 149, fig. A, (1777).
Sphinx pagana, Fabr., Sp. Ins. ii, p. 146, No. 29, (1781).
Clanis phalaris, Hübner, Verz. Bek. Schmett, p. 138, No. 1481, (1818).
Coequosa phalaris, Walker, Cat. Lep. Het. B. M. viii, p. 258, No. 3, (1856).
Basiana cervina (part), Walker, loc. cit., p. 237, No. 2, (1856).
Basiana phalaris, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).

Clanis nicobariensis, Schwarz, Beytr. 1, p. 1.*
———— Butler, Ill. Typ. Lep. Het. B. M. v, p. 14 (note), (1881).

Recorded from North India.
In Indian Museum are specimens from Sikkim.

Sub-family V.—Acherontiinæ.

Genus Acherontia.

164. Acherontia styx.

Acherontia styx, Westw., Cab. Or. Ent., p. 88, pl. 42, fig. 3, (1848).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 597, (1876).
———— Moore, Lep. Ceyl. ii, p. 7, pl. 76, fig. 1, 1*a*, 1*b*, 1*c*, imago, larva, and pupa, (1882).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 392.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, larva.
Acherontia atropos (part), Walker, Cat. Lep. Het. B. M. viii, p. 233, (1856).

Recorded from North India and Turkey in Asia.
In Indian Museum are specimens from Calcutta, Sikkim, Sibsagar, Tezpur, Kulu, Bangalore, and Java.
In Collection, Swinhoe, from Dugshai, Deesa.

165. Acherontia medusa.

Acherontia medusa, Butler, Trans. Zool. Soc. Lond. ix, p. 597, pl. 92, fig. 10, larva and pupa, (1876).
———— Ill. Typ. Lep. Het. B. M, iii, p. 3, pl. 41, fig. 5, (1881).
Acherontia styx (part), Moore, Cat. Lep. Mus. E. I. Comp. i, p. 266, (1857).

Recorded from Java, Hongkong, Shanghai, Philippine Islands, and Japan.

166. Acherontia morta.

Acherontia morta, Hübner, Verz. Bek. Schmett, p. 140, No. 1496, (1816).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 598, pl. 92, fig. 9, larva and pupa, (1876).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.
Sphinx atropos var., Cramer, Pap. Exot. iii, p. 74, pl. 237, fig. A, (1779).
———— Gray, Cuvier's Animal Kingdom, pl. 137, fig. 4, (1832).*
? *Sphinx lachesis*, Fabr. Ent. Syst. Suppl., p. 434, Nos. 26, 27, (1798).
Acherontia Satanas, Boisd., Sp. Gén. Lep. Pap., pl. 16, fig. 1, (1836).*
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 267, pl. 9, figs. 2, 2*a*, larva and pupa, (1857).
———— Boisd., Sp. Gén. Lep. Het., p. 7, (1875).*
———— Snellen, Tijd. Ent. xx, p. 4, (1877).
Acherontia lethe, Westw., Cab. Or. Ent., p. 87, pl. 42, fig. 2, (1848).
———— Walker, Cat. Lep. Het. B. M. viii, p. 235, (1856).
Acherontia lachesis, Moore, Lep. Ceyl. ii, p. 6, pl. 77, figs. 1, 1*a*, 1*b*, 1*c*, imago, larva and pupa, (1882).

Recorded from Hongkong, Java, Ceylon, Balasore, Sylhet, Bombay, and Mhow.
In Indian Museum are specimens from Calcutta, Khasi Hills, Sibsagar, Sikkim, Goalpara, Buxa, Ceylon, Andaman Islands, and Java.
In Collection, Swinhoe, from Bombay, Poona, Belgaum, Sylhet, Mhow.

Sub-Family VI.—Sphinginæ.

Genus **Protoparce**.

167. Protoparce orientalis.

Protoparce orientalis, Butler, Trans. Zool. Soc. Lond. ix, p. 609, pl. 91, figs. 16, 17, larva and pupa, (1876).
——————— Moore, Lep. Ceyl. ii, p. 5, pl. 75, figs. 1, 1*a-e*, imago, larva and pupa, (1882).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 391.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Sphinx convolvuli, Moore, Cat. Lep. Mus. E. I. Comp. i, p. 267, No. 616, pl. ix, figs. 3, 3*a*, larva and pupa, (1857).

Recorded from Scinde, Bombay, Manipur, N. Bengal, Moulmein, Ceylon, Java, and Hongkong.
Closely allied to *P. convolvuli*.
In Indian Museum are specimens from Calcutta.
In Collection, Swinhoe, from Kasauli, Bombay, Poona, Deesa, Neilgherries, Mhow, Karachi.

168. Protoparce convolvuli.

Sphinx convolvuli, Linn., Syst. Nat, ed. xii, p. 798, No. 6, (1767).
——————— Fabr., Sp. Ins. ii, p. 150, No. 46, (1781).
——————— Walker, Cat. Lep. Het. B. M., viii, p. 212, No. 1, (1856).
——————— Boisd., Sp. Gén. Lep. Het. i, p. 94, No. 31, (1875).*
——————— Aurivillius, Kongl. Sv. Akad. Hand., Band. 19, No. 5, p. 129, (1882).
——————— Newman, Entomologist, viii, p. 272, larva.*
——————— Snellen, Tijd. Ent. xx, p. 3, (1877).
Agrius convolvuli, Hübner, Verz. Bek. Schmett., p. 140, No. 1506, (1816).
Protoparce convolvuli, Butler, Trans. Zool. Soc. Lond. ix, p. 609, (1876).

Recorded from Europe, Asia, and S. Africa.
Closely allied to *P. orientalis*.
In Indian Museum are specimens from Calcutta, Goalpara, Darbhanga, Kulu, Sikkim, Sibsagar, and Java.

Genus **Pseudosphinx**.

169. Pseudosphinx nyctiphanes.

Macrosila nyctiphanes, Walker, Cat. Lep. Het. B. M. viii, p. 209, No. 16, (1856).
Pseudosphinx nyctiphanes, Butler, Trans. Zool. Soc. Lond. ix, p. 610, (1876).
——————— ——————— Ill. Typ. Lep. Het. v, p. 15, pl. 81, fig. 7, (1881).

Recorded from Sylhet.
Type is in the British Museum.
In Indian Museum are specimens from Sylhet, besides representatives of a darker variety of the species from the Andaman Islands and Perak.
In Collection, Swinhoe, from Sylhet.

170. Pseudosphinx inexacta.

Macrosila inexacta, Walker, Cat. Lep. Het. B. M. viii, p. 208, No. 14, (1856).

Recorded from Scinde?
Allied to *H. pinastri* (Europe), and *H. uniformis*.
Type is in the British Museum.

182. HYLOICUS UNIFORMIS.

Hyloicus uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 261, No. 59.
———————— Trans. Zool. Soc. Lond. ix, p. 616, (1876).

Recorded from Simla.
Allied to *H. asiaticus*.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Simla.

Genus **Sphinx.**

183. SPHINX ORNEUS.

Sphinx orneus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig. 3, (1848).
Recorded from Central India.

184. SPHINX SANGUINOSA.

Sphinx sanguinosa, Martyn, Psyche, pl. 26, figs. 68, 69.*
Recorded from Tranquebar.

Genus **Nephele.**

185. NEPHELE HESPERA.

Sphinx hespera, Fabr., Syst. Ent., p. 546, No. 33, (1775).
Sphinx chiron, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. E, (1777).
Sphinx morpheus (*var.*), Cramer, l. c., p. 84, pl. 149, fig. D, (1777).
Sphinx didyma, Fabr., Sp. Ins. ii, p. 148, No. 41, (1781).
Nephele chiron, Hübner, Verz. Bek. Schmett., p. 133, No. 1434, (1816).
Nephele morpheus, Hübner, l. c., No. 1432, (1816).
Sphinx quaterna, Charpentier, Ed. Esper's, Aus. Schmett. Sph., pl. 1, fig. 2, (1830).*
Zonilia chiron, Walker, Cat. Lep. Het. B. M. viii, p. 196, No. 8, (1856).
Zonilia morpheus, Walker, l. c., p. 194, No. 5, (1856).
Perigonia obliterans, Walker, l. c., xxxi, p. 28, (1864).
Nephele hespera, Saalmüller, Lep. Madag. i, p. 133, pl. 3, fig. 42.*
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 624, pl. 91, figs. 20, 21, larva and pupa, (1876).
———————— Moore, Lep. Ceyl. ii, p. 2, pl. 72, figs. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from Almorah, Landour, Bombay, Kanara, Coromandel, Ceylon, Australia, and Madagascar.
In Indian Museum are specimens from Calcutta, Sibsagar, Kulu and Ceylon.
In Collection, Swinhoe, from Simla, Bombay, Poona, Mhow, Sattara, Cambellpur, Karachi, Ceylon.

Genus **Calymnia.**

186. CALYMNIA PANOPUS.

Sphinx panopus, Cramer, Pap. Exot. iii, p. 50, pl. 224, figs. A, B, (1779).
Amblypterus panopus, Hübner, Verz. Bek. Schmett., p. 133, No. 1430, (1816).
Moore, Lep. Ceyl. ii, p. 81, figs. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).

Smerinthus panopus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig. 2, (1848).
Calymnia panopus, Walker, Cat. Lep. Het. viii, p. 124, No. 1, (1856).
———— Boisd., Sp. Gén. Lep. Het., p. 13, (1875).*
———— Butler, Trans Zool. Soc. Lond. ix, p. 625, (1876).

Recorded from Java, Ceylon, and North India.
In Indian Museum are specimens from Sylhet.
In Collection, Swinhoe, from Neilgherries, Sylhet.

187. CALYMNIA PAVONICA.

Calymnia pavonica, Moore, Proc. Zool. Soc. Lond. 1877, p. 596.

Recorded from the South Andaman Islands.
Allied to *C. panopus*.

Besides the specimens enumerated in the Catalogue, there are in the Indian Museum the following, which are either undetermined, or from localities other than India :—

Macroglossa, n. sp., Swinhoe, MS. near *M. proxima*, a specimen from Johore.
Macroglossa avicula, Boisd., a specimen from Java.
Macroglossa fuciformis, a specimen from Trans-Caucasia.
Macroglossa corythus, Walker, a specimen from Java.
Acosmeryx, sp., a specimen from Sikkim.
Pergesa, n. sp., Swinhoe, allied to *P. aurifera*, from Shillong.
Chærocampa suffusa, Walker, a specimen from Perak, besides one from Johore, which is much faded, but which probably belongs to the same species.
Chærocampa, sp., a specimen with no history.
Deilepheila euphorbiæ, Linn., a pair from Europe.
Smerinthus ocellatus, Linn., a specimen from Europe, and one with no recorded locality.
Lathöe populi, Linn., a specimen from Europe.

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A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. II.—BOMBYCES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1887.

Group BOMBYCES.

Family ÆGERIIDÆ.

Genus **Sphecia**.

188. Sphecia contracta.

Sphecia contracta, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).
I. M., Sibsagar.

189. Sphecia repanda.

Sphecia repanda, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).
N. India.

Genus **Pramila**.

190. Pramila atkinsoni.

Pramila atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 9, pl. 2, fig. 1, (1879).
Sikkim.

Genus **Tinthia**.

191. Tinthia cupreipennis.

Ægeria cupreipennis, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 11, (1864).
Tinthia cupreipennis, Butler, Ann. N. H. ser. iv, vol. 14, p. 408, (1874).
S. India.

Genus **Ægeria**.

192. Ægeria alterna.

Ægeria alterna, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 10, (1864).
S. India.

193. Ægeria flava.

Ægeria flava, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).
Darjiling.

194. Ægeria tricincta.

Ægeria tricincta, Moore, Descr. Ind. Lep. Atk. i, p. 8. (1879).
——— Kellicott, Bull. Buff. Soc. iv, p. 62, (1882).*
Darjiling.

Genus **Melittia.**

195. MELITTIA ASTARTE.

Trochilium astarte, Westw., Cab. Or. Ent. p. 61, pl. 30, fig. 4, (1848).
Melittia astarte, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

Central India.

196. MELITTIA BOMBYLIFORMIS.

Sphinx bombiliformis, Cramer, Pap. Exot. iv, p. 241, pl. 400, fig. c, (1782).
Melittia anthredoniformis, Hübn. Verz. Bek. Schmett. p. 128, (1816).
Melittia bombyliformis, Walker, Cat. Lep. Het. viii, p. 69, (1856).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 284, (1859).
——————— Proc. Zool. Soc. Lond. 1865, p. 794.
Melittia bombylipennis, Boisd., Lep. Het. i, p. 465, (1875).*

I. M., Sibsagar (Peal).
Also recorded from Java.

197. MELITTIA EURYTION.

Trochilium eurytion, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 5, (1848).
Melittia eurytion, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1865, p. 794.

I. M., Cachar (Wood-Mason), and Buxa (Moti Ram).
Collection Swinhoe, Sylhet, Sibsagar, Poona.

198. MELITTIA GIGANTEA.

Melittia gigantea, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.
——————— Waterhouse, Aid. ii, pl. 131, fig. 4, (1883).*

Mussooree.

199. MELITTIA INDICA.

Melittia indica, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, (1874).
Melittia bombyliformis (part), Walker, Cat. Lep. Het. B. M. viii, p. 69, (1856).

N. India.

200. MELITTIA NEPCHA.

Melittia nepcha, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

201. MELITTIA NEWARA.

Melittia newara, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

202. MELITTIA PHORCUS.

Trochilium phorcus, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 7, (1848).
Melittia phorcus, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, note, (1874).

I. M., Sibsagar (Peal).
Also recorded from Central India.

203. MELITTIA STAUDINGERI.

Melittia staudingeri, Boisd., Lep. Het. i, p. 475, (1875).*
Sylhet.

Genus **Lenyra.**

204. LENYRA ASHTAROTH.

Trochilium ashtaroth, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 5, (1848).
Lenyra ashtaroth, Walker, Cat. Lep. Het. B. M. viii, p. 71, (1856).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Thyris.**

205. THYRIS ASILIFORMIS.

Sphinx asiliformis, Fabr., Ent. Syst. iii, i, p. 357, (1793).
Thyris asiliformis, Walker, Cat. Lep. Het. viii, p. 260, (1856).
India.

Genus **Trilochana.**

206. TRILOCHANA SCOLIOIDES.

Trilochana scolioides, Moore, Descr. Ind. Lep. Atk. i, p. 10, pl. 2, fig. 2, (1879).
Darjiling.

Genus **Pseudosesia.**

207. PSEUDOSESIA GROTEI.

Pseudosesia grotei, Moore, Proc. Zool. Soc. Lond. (1879), p. 414.
N. India.

Genus **Sciapteron.**

208. SCIAPTERON SIKKIMA.

Sciapteron sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 9, (1879).
Darjiling.

Genus **Sura.**

209. SURA CHALYBEA.

Sura chalybea, Butler, Proc. Zool. Soc. Lond. 1876, p. 309, pl. 22, fig. 4.
Singapore.

Genus **Pachythiris.**

210. PACHYTHIRIS RAJAH.

Pachythiris rajah, Boisd., Lep. Het. i, p. 492, (1875).*
——————— Guen., Ann. Soc. Ent. Fr. 1877, p. 281.
Central India.

Family ZYGÆNIDÆ.

Genus **Zygæna.**

211. ZYGÆNA AFGHANA.

Zygæna afghana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, pl. viia, fig. 1, (1859).

Afghanistan.

212. ZYGÆNA ASOKA.

Zygæna asoka, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.

N.-W. India.

213. ZYGÆNA CASHMIRENSIS.

Zygæna cashmirensis, Kollar, Kashmir, Von Hügel, iv, p. 459, pl. 19, fig. 6, (1848).
———— Walker, Cat. Lep. Het. B. M. i, p. 102, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).

I. M., Mussooree (Templeton).
Collection Swinhoe, Simla, Kasauli, Murree.
Also recorded from Kashmir, Nepal.

Genus **Procris.**

214. PROCRIS STIPATA.

Procris stipata, Walker, Cat. Lep. Het. B. M. i., p. 114, (1854).
———— Butler, Ill. Typ. Lep. Het. B. M. i., p. 13, pl. 7, fig. 9, (1877).

N. India.

Genus **Northia.**

215. NORTHIA KHASIANA.

Northia khasiana, Moore, Descr. Ind. Lep. Atk. i. p. 12, (1879).

Khasi Hills.

Genus **Tasema.**

216. TASEMA BIPARS.

Tasema bipars, Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).

India.

Genus **Procotes.**

217. PROCOTES DIMINUTA.

Euchromia diminuta, Walker, Cat. Lep. Het. B. M. i, p. 230, (1854).
Syntomis diminuta, Walker, *loc cit.* vii, p. 1592, (1856).
Procotes diminuta, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.
———— Moore, Lep. Ceyl. ii, p. 37, pl. 95, fig. 3, (1882).

Ceylon.

Genus **Syntomis.**

218. SYNTOMIS ALBIFRONS.

Syntomis albifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 6.

Tenasserim.

219. SYNTOMIS ANDERSONI.

Syntomis andersoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 244, pl. 18, fig. 1.
——————— Anderson's Researches, p. 926, pl. 81, fig. 4, (1878).

Yunan.

220. SYNTOMIS APERIENS.

Syntomis aperiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864).

S. India.

221. SYNTOMIS ARTINA.

Syntomis artina, Butler, Journ. Linn. Soc. Lond. 1876, p. 347.
——————— Moore, Lep. Ceyl. ii, p. 35, pl. 94, fig. 4, (1882).

Collection Swinhoe, Ceylon.
Also recorded from Calcutta.

222. SYNTOMIS ATEREUS.

Sphinx atereus, Cramer, Pap. Exot. iv, p. 240, pl. 400, fig. A, (1779).
Syntomis aterea, Hübner, Verz. Bek. Schmett., p. 122, (1816).
Syntomis atereus, Walker, Cat. Lep. Het. B. M. i, p. 128, (1854).

Collection Swinhoe, Umballa.
Also recorded from Madras, China.

223. SYNTOMIS ATKINSONI.

Syntomis atkinsoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 2.
——————— Butler, Journ. Linn. Soc. Lond. 1876, p. 347.
——————— Moore, Anderson's Researches, p. 927, pl. 81, fig. 5, (1878).
——————— Proc. Zool. Soc. Lond. 1878, p. 845.

I. M. Mergui (Anderson), Cachar (Wood-Mason).
Also recorded from Yunan, Moulmein, Tenasserim.

224. SYNTOMIS AUSTENI.

Syntomis austeni, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.

N.-E. Bengal.

225. SYNTOMIS BERINDA.

Syntomis berinda, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 8.

I. M., Sibsagar (Peal), Cachar.
Also recorded from Tenasserim.

226. SYNTOMIS BICINCTA.

Syntomis bicincta, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 8, (1848.)
——————— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

I. M., Sikkim (Barnes), N. Khasi, Kulu (purchased).
Collection Swinhoe, Simla, Sikkim.

227. SYNTOMIS CERBERA.

Sphinx cerbera, Linn., Mus. Lud. Ulr., p. 363, (1764).
——————— Syst. Nat. I, 2, p. 806, (1767).
——————— Cram., Pap. Exot. i, p. 13, pl. 83, fig. F (1775).
Zygæna cerbera, Fabr., Sp. Ins. ii, p. 160, (1781).
——————— Mant. Ins. ii, p. 103, (1787).
——————— Ent. Syst. iii, I, p. 391, (1793).
——————— Sulz. Abgek. Gesch., pl. 23, fig. 110, (1776).*
Sphinx (*Zygæna*) *cerbera*, Gmel., Ed. Syst. Nat. i, 5, p. 2393.*
Cænochromia cerbera, Hübner, Verz. Bek. Schmett. p. 121, (1816).
Syntomis cerbera, Boisd., Mon. Zyg. p. 118, pl. 7, fig. 6, (1829).*
——————— Westw., Ed. Drury, i. pl. 26, fig. 2, (1837).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Africa, Bengal.

228. SYNTOMIS CHERRA.

Syntomis cherra, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).

Cherrapunji.

229. SYNTOMIS CUPREIPENNIS.

Syntomis cupreipennis, Butler, Journ. Linn. Soc. Lond. (1876), p. 347.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar.
Collection Swinhoe, Sikkim, Poona.
Also recorded from Calcutta.

230. SYNTOMIS CYSSEA.

Sphinx cysseus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. B, (1782).
Zygæna collaris, Fabr., Ent. Syst. iii, i, p. 388, (1793).
Syntomis collaris, Hübner, Verz. Bek. Schmett., p. 121, (1816).
Syntomis cyssea, Boisd., Mon. Zyg. 1143, pl. 7, fig. 2, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 155.
——————— Swinhoe, Proc Zool. Soc. Lond. 1886, p. 436.
Syntomis schœnerrhi, Boisd', Mon. Zyg., p. 112, pl. 7, fig. 1, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).
——————— *loc. cit.* vii, p. 1592, (1856).
Syntomis cuprea, Prittwitz, Stett. Ent. Zeit. 1867, p. 277.
——————— Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

I. M., Calcutta (de Niceville), Karachi (Swinhoe), Naga Hills.
Collection Swinhoe, Mhow, Bombay, Karachi.
Also recorded from Coromandel, Ceylon, Nepal.

231. SYNTOMIS CYSSEOIDES.

Syntomis cysseoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.
——————— Moore, Lep. Ceyl. ii, p. 35, pl. 95, fig. 1, (1882).

Collection Swinhoe, North Canara.
Also recorded from Nilgiri Hills, Ceylon.

232. SYNTOMIS DIAPHANA.

Syntomis diaphana, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 7, (1848).
——————— Walker, Cat. Lep. Het. B. M. i., p. 126, (1854).

I. M., Sibsagar (Peal).
Also recorded from Mussooree.

233. SYNTOMIS DIPTERA.

Zygæna diptera, Fabr., Sp. Ins. ii, p. 165, (1781).
——————— Mant. Ins. ii, p. 106, (1787).
——————— Ent. Syst. iii, I, p. 403, (1793).
Syntomis diptera, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).

E. Indies.

234. SYNTOMIS DISCINOTA.

Syntomis discinota, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).

Khasi Hills.

235. SYNTOMIS DISRUPTA.

Syntomis disrupta, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 5.

Tenasserim.

236. SYNTOMIS DIVISA.

Syntomis divisa, Walker, Cat. Lep. Het. B. M. 1, p. 131, (1854).
——————— Butler, Ill. Typ. Lep. Het. i, p. 16, pl. 6, fig. 14, (1877).

I. M., Khasi Hills.
Collection Swinhoe, Sikhim.
Also recorded from Sylhet.

237. SYNTOMIS EXTENSA.

Syntomis extensa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1863, (1866).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

Collection Swinhoe, Matheran, Mahableshwar.

238. SYNTOMIS FERVIDA.

Syntomis fervida, Walker, Cat. Lep. Het. B. M. i, p. 131, (1854).
——————— Butler, Ill. Typ. Lep. Het. B. M. i, p. 18, pl. 6, fig. 16, (1877).

Moulmein, E. Indies.
I. M., a specimen with no history.

239. SYNTOMIS FYTCHEI.

Syntomis fytchei, Moore, Proc. Zool. Soc. Lond. 1871, p. 246, pl. 18, fig. 3.
——————— Anderson's Researches, p. 928, pl. 81, fig. 6, (1878).

Yunan.

240. SYNTOMIS GEORGINA.

Syntomis georgina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
——————— Moore, Lep. Ceyl. ii, p. 34, pl. 95, fig. 2, (1882).

I. M., Ceylon (Colombo Museum).
Also recorded from S. India.

241. SYNTOMIS GODARTII.

Syntomis godartii, Boisd., Mon. Zyg. 115, pl. 7, fig. 3, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Coromandel, Molucca Is.

242. SYNTOMIS GROTEI.

Syntomis grotei, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 4.
——————— Anderson's Researches, p. 928, pl. 81, fig. 7, (1878).
——————— Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasserim.

243. SYNTOMIS HYALINA.

Syntomis hyalina, Moore, Descr. Ind. Lep. Atk. 1, p. 13, (1879).

Darjiling.

244. SYNTOMIS HYDATINA.

Syntomis hydatina, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.

Calcutta.

245. SYNTOMIS IMAON.

Sphinx adscita imaon, Cramer, Pap. Exot. iii, p. 94, pl. 248, fig. E, (1779).
Syntomis imaon, Hübner, Verz Bek. Schmett., p. 122, (1816).
——————— Boisd., Mon. Zyg. p. 114, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 127, (1854).

I. M., Sibsagar.
Also recorded from Ceylon, Sylhet, Hongkong, Surinam.

246. SYNTOMIS KHASIANA.

Syntomis khasiana, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Khasi Hills.

247. SYNTOMIS LATREILLII.

Syntomis latreillii, Boisd., Mon. Zyg., p. 117, pl. 7, fig. 5, (1829).*
——————— Chenu, Enc. d'Hist. Nat. Pap. p. 246, fig. 426.*
——————— Walker, Cat. Lep. B. M. I, p. 121, (1854).
——————— Butler, Journ. Linn. Soc. Lond. 1876, p. 343.

Java, Amboina, China, S. India.

248. SYNTOMIS LEPCHA.

Syntomis lepcha, Moore, Descr. Ind. Lep. Atk. I, p. 12, (1879).

Darjiling.

249. SYNTOMIS LIBERA.

Syntomis libera, Walker, Cat. Lep. Het. B. M. xxxi, p. 78, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 845.

Upper Tenasserim.

250. SYNTOMIS LUCINA.

Syntomis lucina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Nepal, Calcutta.

251. SYNTOMIS MASONI.

Syntomis masoni, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 4.

Tenasserim.

252. SYNTOMIS MELAS.

Syntomis melas, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).
——————— Butler, Ill. Typ. Lep. Het. B. M., i, p. 17, pl. 6, fig. 10, (1877).

I. M., Dunsiri, Shillong, N. Khasi, Sibsagar.
Collection Swinhoe, Simla.
Also recorded from Nepal.

253. SYNTOMIS MONTANA.

Syntomis montana, Butler, Journ. Linn. Soc. Lond. 1876, p. 349.
——————— Moore, Lep. Ceyl. II, p. 36, pl. 94, fig. 5, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Poona (Murray), Karachi.
Collection Swinhoe, Poona.
Also recorded from Ceylon, Bombay.

254. SYNTOMIS NEWARA.

Syntomis newara, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).

Darjiling.

255. SYNTOMIS OCHSENHEIMERI.

Syntomis ochsenheimeri, Boisd., Mon. Zyg., p. 116, pl. 7, fig. 4, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Java, Africa.

256. SYNTOMIS ŒNONE.

Syntomis œnone, Butler, Journ. Linn. Soc. Lond. 1876, p. 344.
Syntomis diaphana, var. Walker, Cat. Lep. Het. B. M. i, p. 126, (1854).

Mussooree.

257. SYNTOMIS PASSALIS.

Zygæna passalis, Fabr., Sp. Ins. ii, p. 159, (1781).
———— Mant. Ins. ii, p. 102, (1787).
———— Ent. Syst. iii, p. 391, (1793).
Sphinx creusa, Cramer, Pap. Exot. ii, p. 94, pl. 248, fig. F, (1779).
Syntomis creusa, Boisd., Mon. Zyg., p. 121, pl. 7, fig. I, (1829).*
———— Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).
Syntomis passalis, Boisd., Mon. Zyg., p. 120, (1829).*
———— Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).
———— Moore, Lep. Ceyl. ii, p. 35, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar (Peal), Calcutta, Bangalore (Nevill).
Collection Swinhoe, Poona, Calcutta.
Also recorded from Coromandel, Ceylon.

258. SYNTOMIS PECTORALIS.

Syntomis pectoralis, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).

E. Indies.

259. SYNTOMIS SARGANIA.

Syntomis sargania, Butler, Trans. Ent. Soc. Lond. 1879, p. 4.

Cachar.

260. SYNTOMIS SIAMICA.

Syntomis siamica, Walker, Cat. Lep. Het. B. M. xxxi, p. 70, (1864).

Siam.

261. SYNTOMIS SLADENI.

Syntomis sladeni, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 5.
————Anderson's Researches, p. 927, pl. 81, fig. 8, (1878).
————Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasserim.

262. SYNTOMIS SUBMARGINALIS.

Syntomis submarginalis, Walker, Char. Undescr. Lep. Het. p. 89, (1869).

Benares.

Genus **Callitomis.**

263. CALLITOMIS LEUCOSOMA.

Callitomis leucosoma, Butler, Journ. Linn. Soc. Lond. 1876, p. 351.

Kashmir.

264. CALLITOMIS SYNTOMOIDES.

Callitomis syntomoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 351.

Kashmir.

Genus **Psichotoë.**

265. PSICHOTÖE DUVAUCELII.

Psichotöe duvaucelii, Boisd., Mon. Zyg., p. 129, pl. 8, fig. 5, (1829).*
———————Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).
———————Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

I. M., Calcutta, Karachi (Murray).
Collection Swinhoe, Calcutta, Jerruk (Sind).

266. PSICHOTÖE INCIPIENS.

Syntomis incipiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864).
Psichotöe incipiens, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

S. India.

Genus **Hydrusa.**

267. HYDRUSA FUSIFORMIS.

Syntomis fusiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).
Hydrusa fusiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

India.

268. HYDRUSA MULTIGUTTA.

Syntomis multigutta, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).
Hydrusa multigutta, Butler, Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 3, (1877).

Collection Swinhoe, Sikkim.
Also recorded from Nepal.

269. HYDRUSA TENUIFORMIS.

Syntomis tenuiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).
Hydrusa tenuiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

India.

270. HYDRUSA VITREA.

Syntomis vitrea, Walker, Cat. Lep. Het. B. M. vii, p. 1594, (1856).
Hydrusa vitrea, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Sylhet.

Genus **Trianura.**

271. TRIANURA MOOREI.

Trianura moorei, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

Bombay.

Genus **Eressa.**

272. ERESSA AFFINIS.

Eressa affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 596, pl. 59, fig. 3.

I. M., Andaman Is. (purchased).
Collection Swinhoe, Travancore, S. Andamans.
Also recorded from Calcutta, Khasi Hills.

273. Eressa confinis.

Glaucopis confinis, Walker, Cat. Lep. Het. B. M. i, p. 149, (1854).
Syntomis confinis, Walker, *loc. cit.* vii, p. 1592, (1856).
Hydrusa confinis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
Eressa confinis, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 6, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., Kulu (purchased).
Collection Swinhoe, Mhow, N.-W. Himalayas.
Also recorded from Ceylon.

274 Eressa musa.

Eressa musa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, pl. 20, fig. 1.

Bombay.
Allied to *E. confinis*.

275. Eressa subaurata.

Glaucopis subaurata, Walker, Cat. Lep. Het. B. M. i, p. 149 (1854).
Syntomis subaurata, Walker, Cat. Lep. Het. B. M. vii, p. 1593. (1856).
Trianura subaurata, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.
Eressa subaurata, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 4, (1882).

I. M., Calcutta, N. Khasi Hills.
Also recorded from Ceylon.
Allied to *E. confinis*.

Genus **Dysauxes.**

276. Dysauxes indica.

Dysauxes indica, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 291.

Collection Swinhoe, Bombay.

Genus **Debos.**

277. Debos iratus.

Debos iratus, Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 291, pl. 20, fig. 7.

Deccan.

Genus **Notioptera.**

278. Notioptera dolosa.

Syntomis dolosa, Walker, Cat. Lep. Het. B. M. L. vii, p. 1594, (1856).
Notioptera dolosa, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.
——————— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 11, (1881).

N. India.

279. Notioptera glaucopoides.

Syntomis glaucopoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 69, (1864).
Notioptera glaucopoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

S. India.

Genus **Thyrassia.**

280. THYRASSIA SUBCAUDATA.

Syntomis subcaudata, Walker, Cat. Lep. Het. B. M. i, p. 132, (1854).
Thyrassia subcaudata, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.
——————— Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 5, (1877).

Collection Swinhoe, Bombay.
Also recorded from N. India.

Genus **Euchromia.**

281. EUCHROMIA AMŒNA.

Phalanna amœna, Möschler, Stett. Ent. Zeit. 1872, p. 350.

Sylhet.

282. EUCHROMIA AURATA.

Sphinx aurata, Cramer, Pap. Exot. pl. 264, fig. A, (1779).
Pompostola auratus, Hübner, Verz. Bek. Schmett. p. 120, (1816).
Euchromia (*Diospage*) *aurata*, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

Coromandel.

283. EUCHROMIA CRËUSA.

Sphinx crëusa, Linn., Syst. Nat. ii, 806, 39, (1767).
——————— Clerck, Icon, pl. 46, fig. 34.
Sphinx irus, Cramer, Pap. Exot. iv, pl. 368, fig. A, (1781).
Cœnochromia crëusa, Hübn., Verz. Bek. Schmett., p. 121, (1816).
Euchromia crëusa, Moore, Lep. Ceyl. ii, p. 35, note, (1882).

Bengal, Coromandel.

284. EUCHROMIA FLAMMANS.

Euchromia (*Phauda*) *flammans*, Walker, Cat. Lep. Het. B. M. i, p. 257, (1854).
Phauda flammans, Butler, Ill. Typ. Lep. Het. i, p. 20, pl. 9, fig. 2, (1877).

N. India.
I. M., a specimen with no history.

285. EUCHROMIA LAURA.

Euchromia laura, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

E. Indies.

286. EUCHROMIA ORIENTALIS.

Euchromia orientalis, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

Collection Swinhoe, Rangoon.
Also recorded from N. India.

287. EUCHROMIA POLYMENA.

Sphinx polymena, Linn., Syst. Nat. ii, p. 806, (1767).
——— Cramer, Pap. Exot., pl. 13, fig. D, (1775).
Zygæna polymena, Fabr., Sp. Ins. ii, p. 162, (1781).
——— Mant. Ins. ii, p. 104, (1787).
——— Ent. Syst. iii, 1, 396, 34, (1793).
Euchromia polymena, Hübn., Verz. Bek. Schmett., p. 121, (1816).
——— Walker, Cat. Lep. Het. B. M. i, p. 219, (1854).
——— Butler, Journ. Linn. Soc. Lond. 1876, p. 364.
——— Moore, Proc. Zool. Soc. Lond. 1877, p. 596.
——— Lep. Ceyl. ii, p. 39, pl. 94, figs. 6, 6*a*, (1882).
——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514.
Glaucopis polymena, Westw., Ed. Drury i, p. 50, pl. 26, fig. 1, (1837).*

I. M., Cachar (Wood-Mason), Sylhet, Sibsagar (Peal), Calcutta (Cotes), Sinkip Is. (a variety).
Collection Swinhoe, Calicut, Bombay, Belgaum, Karachi, Ceylon.
Also recorded from China, Penang, Celebes, Andaman Is.

288. EUCHROMIA RHEBUS.

Sphinx (*adscita*) *rhebus*, Cramer, Pap. Exot., pl. 234, fig. F., (1779).
Pompostola rhebus, Hübner, Verz. Bek. Schmett., p. 120, (1816).
Euchromia (*Diospage*) *rhebus*, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

E. Indies, Africa.

289. EUCHROMIA SIAMENSIS.

Euchromia siamensis, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Siam.

290. EUCHROMIA THELEBAS.

Sphinx thelebas, Cramer, Pap. Exot., pl. 150, fig. D, (1777).
Euchromia thelebe, Hübn., Verz. Bek. Schmett., p. 121, (1816).
Euchromia (*Hippola*) *thelebas*, Walker, Cat. Lep. Het. B. M. i, p. 225, (1854).
Euchromia thelebas, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Bengal.

Genus **Callizygæna.**

291. CALLIZYGÆNA NIVIMACULA.

Callizygæna nivimacula, Felder, Reise der Novara, pl. 83, fig. 4, (1864-75).
——— Moore, Lep. Ceyl. ii, p. 38, pl. 95, fig. 5, (1882).

Ceylon.

Genus **Artona.**

292. ARTONA CONFUSA.

Artona confusa, Butler, Journ. Linn. Soc. Lond. 1876, p. 357.
——— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 10, (1881).
Syntomis hübneri (part), Walker (*nec* Boisd.), Cat. Lep. Het. B. M. i., p. 125, (1854).

I. M., Sibsagar (Peal).
Collection Swinhoe, Mandi (Elwes).

293. ARTONA DISCIVITTA.

Artona discivitta, Walker, Cat. Lep. Het. B. M. ii, p. 440, (1854).
———— Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
———— Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 8, (1881).

N. India, S. India, Almora.

294. ARTONA FULIGINOSA.

Artona fuliginosa, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).

Darjiling.

295. ARTONA FULVIDA.

Artona fulvida, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.

Moulmein.

296. ARTONA HÜBNERI.

Syntomis hübneri, Boisd., Mon. Zyg., p. 127, pl. 8, fig. 4, (1829).*
————(Part), Walker, Cat. Lep. Het. B. M. i, p. 125, (1854).
Artona hübneri, Butler, Journ. Linn. Soc. xii, 1876, p. 344.

Himalaya, Java, Amboina.

297. ARTONA POSTVITTA.

Artona postvitta, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).

Darjiling.

298. ARTONA QUADRIMACULATA.

Artona quadrimaculata, Moore, Proc. Zool. Soc. Lond. (1879), p. 390.

Mussooree.

299. ARTONA ZEBRAICA.

Artona zebraica, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
———— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 9, (1881.

I. M., Kulu (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Almora, Mussooree.

Genus **Rhaphidognatha.**

300. RHAPHIDOGNATHA NIGRESCENS.

Artona nigrescens, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Kulu (purchased), Mandi.
Collection Swinhoe, Mandi (Elwes).

Genus **Tascia.**

301. TASCIA CUPREA.

Syntomis cuprea, Walker, Cat. Lep. Het. B. M. vii, p. 1596, (1856).
Tascia cuprea, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Sikkim (purchased), Kulu (purchased).
Collection Swinhoe, Simla.

302. TASCIA QUADRICOLOR.

Syntomis quadricolor, Walker, Cat. Lep. Het. B. M., vii, p. 1596, (1856).
Tascia quadricolor, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

India.

Genus **Phacusa.**

303. PHACUSA TENEBROSA.

Glaucopis tenebrosa, Walker, Cat. Lep. Het. B M. i, p. 150, (1854).
Syntomis tenebrosa, Walker, *loc. cit.*, vii, p. 1592, (1856).
Phacusa tenebrosa, Butler, Journ. Linn. Soc. Lond. 1876, p. 359.
———————— Ill. Typ. Lep. Het. i, p. 20, pl. 12, fig. 1, (1877).

I. M., Sibsagar (Peal).

304. PHACUSA THORACICA.

Phacusa thoracica, Moore, Ann. Mag. Nat. Hist. ser. 4, xx, p. 343 (1877).
———————— Lep. Ceyl. ii, p. 38, pl. 95, fig. 7, (1882).

Ceylon.

Genus **Trypanophora.**

305. TRYPANOPHORA ATKINSONI.

Trypanophora atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

Darjiling.

306. TRYPANOPHORA SEMIHYALINA.

Trypanophora semihyalina, Kollar, Kaschmir, Von Hügel, iv, p. 457, pl. 19, figs. 1—4, (1848).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 322, pl. 14, fig. 6, (1859).
———————— Butler, Journ. Linn. Soc. Lond. 1876, p. 344.
———————— Walker, Cat. Lep. Het. B. M. ii, p. 434, (1854).
———————— *loc. cit.* xxxi, p. 126, (1864).
Syntomis humeralis, Walker, Cat. Lep. Het. B. M. vii, p. 1593, (1856).
Trypanophora humeralis, Moore, *loc. cit.* lv, 2, p. 972, (1886).

I. M., Calcutta (deNiceville), Sikkim, Tavoy (Moti Ram), Cachar (Wood-Mason).
Collection Swinhoe, Kashmir, Sikkim.

307. TRYPANOPHORA TAPROBANES.

Trypanophora taprobanes, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).
———— Moore, Lep. Ceyl. ii, p. 40, pl. 95, figs. 8, 8*a*, (1882).

Ceylon.

FAMILY AGARISTIDÆ.

Genus **Eusemia.**

308. EUSEMIA ADULATRIX.

Eusemia adulatrix, Kollar, Kaschmir, Von Hügel, iv, p. 464, pl. 20, fig. 1, (1848).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
———— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

Sikkim, Nepal.

309. EUSEMIA AFFLICTA.

Eusemia afflicta, Butler, Ent. Monthly Mag. xii, p. 118, (1875).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
———— Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Poona, Mhow.
Also recorded from Bombay.

310. EUSEMIA ALBOMARGINATA.

Eusemia albomarginata, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.
———— Butler, Ent. Monthly Mag. xii, p. 124, (1875).

Burma.

311. EUSEMIA AMATRIX.

Eusemia amatrix, Westw., Cab. Or. Ent., p. 68, pl. 33, fig. 4, (1848).
———— Walker, Cat. Lep. Het. B. M. i, p. 49, (1854).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.
———— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

Assam, Java.

312. EUSEMIA ARUNA.

Eusemia aruna, Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 676.
———— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).
———— Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 6, (1881).

Collection Swinhoe, Sikkim.

313. EUSEMIA AUSTENI.

Eusemia austeni, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).

Khasi Hills.

314. EUSEMIA BASALIS.

Eusemia basalis, Walker, Cat. Lep. Het. B. M. i, p. 53, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 676.
———— Butler, Ent. Monthly Mag. xii, p. 122, (1875).
———— Ill. Typ. Lep. Het. i, p. 9, pl. 5, fig. 2, (1877).

I. M., Sibsagar (Peal).
Also recorded from Bengal.

315. EUSEMIA BELLATRIX.

Eusemia bellatrix, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 2, (1848).
———— Walker, Cat. Lep. Het. B. M. i, p. 46, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288,, (1859).
———— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

I. M., Cachar (Wood-Mason), Yunan, Simla, Sibsagar (Peal), Naga Hills, Nepal, Cherra, Sikkim (Elwes and Barnes), Buxa (Moti Ram), Mussooree (Templeton.)
Collection Swinhoe, Sikkim, Pegu, Bhotan, Sibsagar, Cachar.
All recorded from Moulmein, Ceylon, Nepal.

316. EUSEMIA COMMUNICANS.

Eusemia communicans, Walker, Cat. Lep. Het., B. M. xxxi, p 50, (1864).
———— Butler, Ent. Monthly Mag. xii, p. 119, (1875).

Penang.

317. EUSEMIA COMMUNIS.

Eusemia communis, Butler, Ann. Mag. N. H. 4, xv, p. 140, pl. 13, fig. 1, (1875).
———— Ent. Monthly Mag. Lond. xii, p. 119, (1875).
———— Moore, Journ. As. Soc. Beng. liii, 2, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sibsagar, Sylhet, Naga.
Collection Swinhoe, Sylhet.

318. EUSEMIA CONTRACTA.

Eusemia contracta, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).
———— Swinhoe, Proc. Zool Soc. Lond. 1885, p. 292.

Collection Swinhoe, Belgaum, Nilgiri Hills.

319. EUSEMIA DENTATRIX.

Eusemia dentatrix, Westw. Cab. Or. Ent. p. 68, p. 33, fig. 5, (1848).
———— Walker, Cat. Lep. Het., B. M. i, p. 46, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
———— Butler, Ent. Monthly Mag. xii, p. 119, (1875).

I. M., Sikkim (purchased), Sibsagar (Peal), Sylhet.
Collection Swinhoe, Sikkim.
Also recorded from Nepal, Bhotan, Ceylon.

320. EUSEMIA DISTINCTA.

Eusemia distincta, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
———————— Ent. Monthly Mag. Lond. xii, p. 118, (1875).
———————— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 3, (1881).

Sylhet.

321. EUSEMIA DIVES.

Eusemia dives, Boisduval, Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 4, (1881).

Darjiling.
Allied to *E. maculatrix*.

322. EUSEMIA FUNEBRIS.

Eusemia funebris, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.
———————— Waterhouse, Aid. ii, pl. 127, fig. 4, (1883)*.
Agarista funebris, Butler, Ent. Monthly Mag. Lond. xii, p. 124, (1875).

Darjiling.

323. EUSEMIA IRENEA.

Eusemia irenea, Boisduval, Revue et Mag. de Zool. 1874, p. 84.
———————— Butler, Ent. Monthly Mag. Lond. xii, p. 119, (1875).

Khasi Hills, Sumatra.

324. EUSEMIA MACULATRIX.

Eusemia maculatrix, Westw., Nat. Libr. Exot. Moths, p. 88, pl. 2, fig. 3.*
———————— Cab. Or. Ent., p. 67, pl. 33, fig. 1, (1848).
———————— Walker, Cat. Lep. Het. B. M. i, p. 47, (1854).
———————— *loc. cit.*, vii, p. 1773, (1856).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
———————— Proc. Zool. Soc. Lond. 1865, p. 795.
———————— Butler, Ent. Monthly Mag. xii, p. 118, (1875).
Eusemia fasciatrix, Westw., Cab., Or. Ent., p. 67, (1848).
Heraclia vetula (var.) Geyer, Zeitr. Samml. Exot. Schmett. 17, p. 329, figs. 657 and 658, (1832).*

I. M., Sikkim (Barnes), Sibsagar, Naga, Cherrapunji, Buxa (Moti Ram).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet, Nepal, Java.

325. EUSEMIA NIGRIPENNIS.

Eusemia nigripennis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
———————— Ent. Monthly Mag. Lond. xii, p. 117, (1875).
Episteme nigripennis, Moore, Lep. Ceyl. ii, p. 34, pl. 94, fig. 3, (1882).

Collection Swinhoe, Ceylon.

326. EUSEMIA NIPALENSIS.

Eusemia nipalensis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
———————— Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Nepal.

327. Eusemia orientalis.

Eusemia orientalis, Butler, Ann. Mag. N. H. ser. 4, xv, p. 139, (1875).
———— Ent. Monthly Mag. Lond. xii, p. 117, (1875).
———— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 2, (1881).

Mussooree.
Allied to *E. victrix*.

328. Eusemia peshwa.

Eusemia peshwa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 289, pl. 7*a*, fig. 2, (1859).
———— Butler, Ent. Monthly Mag. Lond. xii, p. 121, (1875).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Ceylon.

329. Eusemia proxima.

Eusemia proxima' Walker, Cat. Lep. Het. B. M. i, p. 50, (1854).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.
———— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).
———— Ill. Typ. Lep. Het. i, p. 10, pl. 4, fig. 9, (1877).

Assam.

330. Eusemia pulchra.

Eusemia pulchra, Butler, Ann. Mag. N. H., ser. 4, xv, p. 143, pl. 13, fig. 4, (1875).
———— Ent. Monthly Mag. Lond. xii, p. 122, (1875).

Meerut.

331. Eusemia sectinotis.

Eusemia sectinotis, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).
———— Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 5, (1881).

I. M., Ratnagiri (Hatch). No locality (Karachi Museum).
Collection Swinhoe, Calicut.
Allied to *E. adulatrix*.

332. Eusemia silhetensis.

Eusemia silhetensis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 139, (1875).
———— Ent. Monthly Mag. Lond. xii, p. 116, (1875).
———— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 1, (1881).

Sylhet.
Allied to *E. victrix*.

333. Eusemia simplex.

Eusemia simplex, Butler, Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Kanara.

334. Eusemia tyrianthina.

Eusemia tyrianthina, Butler, Ent. Monthly Mag. xii, p. 116, (1875).

N. India.

335. Eusemia vetula.

Eusemia vetula, Hübn., Zutr., fig. 657.*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 677.

Assam, Java.

336. Eusemia victrix.

Eusemia victrix, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 3, (1848).
———— Walker, Cat. Lep. Het. B. M. i, p. 52, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
———— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

I. M., N. Khasi Hills, Cachar (Wood-Mason), Sibsagar, Naga, Yunan, Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Nepal, Sylhet, Bhotan, Cherrapunji.

337. Eusemia vulcania.

Eusemia vulcania, Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

Burma.

Genus **Seudyra.**

338. Seudyra catocalina.

Phægorista catocalina, Walker, Cat. Lep. Het. B. M. xxxv, p. 1859, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
Seudyra catocalina, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 82, fig. 9, (1881).

I. M., Darjiling (purchased).
Collection Swinhoe, Darjiling.

339. Seudyra longipennis.

Catocala longipennis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 934, (1865).
Seudyra longipennis, Butler, Ill. Typ. Lep. Het. v, p. 19, pl. 82, fig. 8, (1881).

I. M., Sikkim.
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

340. Seudyra transiens.

Eusemia transiens, Walker, Cat. Lep. Het. B. M. vii, p. 1588, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, pl. xiii, figs. 5, 5*a*, (1859).

SEUDYRA TRANSIENS—*continued.*

Eusemia ægoceroides, Boisd., Revue et Mag. Zool. 1874, p. 106.
Agarista ægoceroides, Felder, Reise Novara, pl. 107, fig. 10, (1864—75).
Seudyra transiens, Stretch. Cist. Ent. ii, p. 19, (1875).

I. M., N. Khasi Hills, Sibsagar, Sikkim (Barnes).
Collection Swinhoe, Simla, Sikkim.
Also recorded from Sumatra, Java.

341. SEUDYRA VENOSA.

Seudyra venosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.
———— Waterhouse, Aid. ii, pl. 131, fig. 5, (1883).*

Darjiling.

Genus **Nikæa.**

342. NIKÆA LONGIPENNIS.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Nikæa longipennis, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).
———— Butler, Ill. Typ. Lep. Het. v., p. 18, pl. 82, fig. 7, (1881).

Collection Swinhoe, N. India.
Also recorded from Sylhet, Darjiling, Kumaon.

Genus **Phægorista.**

343. PHÆGORISTA BALA.

Phægorista bala Moore, Proc. Zool. Soc. Lond. 1865, p. 795.
———— Walker, Cat. Lep. Het. xxxv, p. 1859, (1866).

Collection Swinhoe, Darjiling.

Genus **Vithora.**

344. VITHORA INDRASANA.

Vithora indrasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 759, pl. 42, fig. 5.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1861, (1866).
Cistidia indrasana, Snellen, Tijd. Ent. xxi, p. 115, (1878).

Bengal.

Genus **Ægocera.**

345. ÆGOCERA BIMACULA.

Ægocera bimacula, Walker, Cat. Lep. Het. B. M. i, p. 57, (1854).
———— Moore, Cat. Lep. Mus. E. I. C ii, p. 286, (1859).
———— Boisd., Rev. et Mag. Zool. 1874, p. 54.
———— Butler, Ill. Typ. Lep. Het. i, p. 11, pl. 5, fig. 4, (1877).
———— Moore, Lep. Ceyl. ii, p. 33, pl. 94, fig. 2, (1882).

I. M., a specimen with no history.
Collection Swinhoe, Sikkim.
Also recorded from Kanara, Ceylon.

346. Ægocera fimbria.

Ægocera fimbria, Möschler, Stettin, Ent. Zeit. 1872, p. 354.
Sylhet.

347. Ægocera tripartita.

Ægocera tripartita, Kirby, Proc. Roy. Dublin Soc. (2), ii, p. 340, (1880).
——————— Waterhouse, Aid. i, pl. 39, (1881).

Burma.

348. Ægocera venulia.

Phalæna venulia, Cramer, Pap. Exot. ii, pl. 165, fig. D, (1777).
Ægocera venulia, Latr., Gen. Crust. et Ins. iv, p 212, (1809).
——————— Boisd., Mon. Zyg. p. 13, pl. 1, fig. 3, (1829).*
——————— Chenu, Ent. d'Hist. Nat. Pap., p. 236, fig. 404.*
——————— Croch., Ed. Regn. Anim. Atlas, Ins. pl. 148, fig. 1.*
——————— Walker, Cat. Lep. Het. B. M, i, p. 55, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).
——————— Lep. Ceyl. ii, p. 32, pl. 94, fig. 1, (1882).
Erastria venulia, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

I. M., Calcutta (Anderson).
Collection Swinhoe, Nilgiri Hills, Poona, Karachi.
Also recorded from Nepal,

Family CHALCOSIIDÆ.

Genus **Canerkes.**

349. Canerkes euschemoides.

Canerkes euschemoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 802, pl. 42, fig. 8.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Sylhet.

Genus **Dioptis.**

350. Dioptis perdica.

Phalæna perdica, Cramer, Pap. Exot. ii, pl. 178, fig. E, (1777).
Dioptis perdica, Hübn., Verz. Bek. Schmett., p. 174, (1816).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 337, (1854).

Bengal.

Genus **Epicopeia.**

351. Epicopeia caudata.

Epicopeia caudata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 47, pl. 83, fig 8, (1881).

Bhotan.

352. EPICOPEIA DIPHILÆA.

Epicopeia diphilæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 800.
Epicopeia diphilea (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Collection Swinhoe, Sikkim.

353. EPICOPEIA EXCISA.

Epicopeia excisa, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 5, (1881).

N.-E. Punjab.

354. EPICOPEIA LIDDERDALII.

Epicopeia lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 6, (1881).

Bhotan.

355. EPICOPEIA MACULATA.

Epicopeia maculata, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88. fig. 7, (1881).

Bhotan.

356. EPICOPEIA PHILENORA.

Epicopeia philenora, Westw., Arcana, Ent., p. 19, pl. 5, fig. 2, (1843).
——————— Walker, Cat. Lep. Het. ii, p. 410, (1854).

I. M., Sikkim (Barnes).
Also recorded from Assam.

357. EPICOPEIA PHILOXENÆA.

Epicopeia philoxenæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.
Epicopeia philoxene (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Darjiling.

358. EPICOPEIA POLYDORA.

Epicopeia polydora, Westw., Arcana Ent., p. 19, pl. 5, fig. 1, (1843).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 410, (1854).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Simla.

359. EPICOPEIA VARUNÆA.

Epicopeia varunæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Collection Swinhoe, Darjiling.

Genus **Philopator.**

360. PHILOPATOR BASIMACULATA.

Philopator basimaculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 800, pl. 42, fig. 6.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Darjiling.

Genus **Cadphises.**

361. CADPHISES MACULATA.

Cadphises maculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 801, pl. 42, fig. 7.
———— Walker, Cat. Lep. Het. xxxv, p, 1870, (1866).

I. M., Khasi Hills (Godwin-Austen).
Also recorded from Darjiling.

362. CADPHISES MOOREI.

Cadphises moorei, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.

Darjiling.
Allied to *C. maculata*.

Genus **Scaptesyle.**

363. SCAPTESYLE BICOLOR.

Scaptesyle bicolor, Walker, Cat. Lep. Het. B. M xxxi, p. 182, (1864).
———— Moore, Lep. Ceyl. ii, p. 42, pl. 96, fig. 2, (1882).
Dichromia nietneri, Felder, Reise Novara Lep. iv, pl. 106, fig. 25, (1864-75).

Collection Swinhoe, Ceylon.

364. SCAPTESYLE TRICOLOR.

Scaptesyle tricolor, Walker, Cat. Lep. Het. B. M. ii, p. 378, (1854).

Sylhet.

Genus **Ratarda.**

365. RATARDA MARMORATA.

Ratarda marmorata, Moore, Proc. Zool. Soc. Lond. (1879), p. 393, pl. 32, fig. 1.

Darjiling.

Genus **Boradia.**

366. BORADIA CARNEOLA.

Boradia carneola, Moore, Proc. Zool. Soc. Lond. 1879, p. 392.

N.-W. Himalayas.

Genus **Heterusia.**

367. HETERUSIA ÆDEA.

Papilio ædea, Linn., Syst. Nat. ii, p. 757, (1767).
————Fabr., Sp. Ins. ii, p. 32, 132, (1781).
———— Mant. Ins ii, p. 16, 133, (1787).
———— Ent. Syst. iii, 173, 537, (1793).
Acræa ædea, God., Encycl Meth. ix, 236, 19.*
Heterusia ædea, Doubleday, Zoologist ii, 469.*
Eterusia ædea, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

I. M., (?) N. Khasi Hills.
Collection Swinhoe, Sylhet.
Also recorded from Ceylon and N. China.

368. Heterusia alompra.

Eterusia alompra, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).
I. M., Sibsagar (Peal).
Collection Swinhoe, Assam.

369. Heterusia cicada.

Beterusia (sic) *cicada*, Felder, Reise Novara, pl. 83, fig. 8, (1864-75).
Sikkim.

370. Heterusia circinata.

Heterusia circinata, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. i, figs. 156, 157.*
Eterusia circinata, Walker, Cat. Lep. Het. B. M. vii, p. 1672, (1856).
I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Assam.

371. Heterusia circumdata.

Heterusia circumdata, Walker, Cat. Lep. Het. B. M. xxxi, p. 121, (1864).
India.

372. Heterusia distincta.

Gynautocera distincta, Guer., Voy. Deless. Hist. Nat., p. 85, pl. 24, fig. 3, (1843).
Chalcosia distincta, Walker, Cat. Lep. Het. B. M. ii, p. 423, (1854).
Eterusia distincta, Walker, *loc. cit.* vii, p. 1670, (1856).
I. M., Mergui (Anderson), Perak (purchased).
Also recorded from Assam.

373. Heterusia dulcis.

Heterusia dulcis, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 4, (1881).
Darjiling.

374. Heterusia edocla.

Heterusia edocla, Doubleday, Zoologist ii, p. 469.*
Eterusia edocla, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).
I. M., Sibsagar (Peal), Naga, Cachar (Wood-Mason).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet and Nepal.

375. Heterusia fasciata.

Eterusia fasciata, Walker, Char. Undescr. Lep. Het. Lond., p. 5, (1869).
Heterusia fasciata, Möschler, Stett. Ent. Zeit. 1872, p. 340.
Sylhet.

376. Heterusia flavomaculata.

Heterusia flavomaculata, Möschler, Stett. Ent. Zeit. 1872, p. 343.
Sylhet.

377. Heterusia lativitta.

Eterusia lativitta, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sibsagar, Naga.
Collection Swinhoe, Khasi Hills, Sikkim.

378. Heterusia magnifica.

Eterusia magnifica, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.
Heterusia magnifica, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 2, (1881).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Sylhet, Sikkim (Barnes).
Collection Swinhoe, Sylhet, Sikkim.
Allied to *H. tricolor*.

379. Heterusia octopunctata.

Heterusia octopunctata, Möschler, Stett. Ent. Zeit. 1872, p. 344.

Sylhet.

380. Heterusia pulchella.

Eterusia pulchella, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).
———————*loc. cit.* vii, p. 1671, (1856).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., specimens with no history.
Collection Swinhoe, Simla, Sikkim.
Also recorded from Nepal.

381. Heterusia raja.

Eterusia raja, Moore, Cat. Lep. Mus. E. I. C. ii, p. 320, (1859).
———————Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

382. Heterusia risa.

Heterusia risa, Doubleday, Zoologist, ii, p. 468.*
Eterusia risa, Walker, Cat. Lep. Het. B. M. ii, p. 429, (1854).

Nepal, Penang, Sylhet.

383. Heterusia shahama.

Eterusia shahama, Moore, Proc. Zool. Soc. Lond. 1865, p. 801.
———————Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).
———————Waterhouse, Aid. ii, pl. 127, fig. 3, (1883).*

Darjiling.

384. Heterusia signata.

Heterusia signata, Möschler, Stett. Ent. Zeit. 1872, p. 341.

Sylhet.

385. Heterusia sublutea.

Eterusia sublutea, Walker, Cat. Lep. Het. B. M. ii, p. 430, (1854).

Collection Swinhoe, Sylhet.

386. Heterusia tricolor.

Eterusia tricolor, Hope, Trans. Linn. Soc. Lond. 1841, p. 445, pl. 21, fig. 4.
——————— Doubleday, Zoologist, ii, p. 470.*
——————— Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Collection Swinhoe, Sikkim.
Also recorded from Nepal and Sylhet.
Allied to *H. magnifica*.

387. Heterusia trilituratа.

Eterusia trilituratа, Walker, Cat. Lep. Het. B. M. xxxi, p. 119, (1864).

I. M., a specimen with no history.
Recorded from Mussooree.

388. Heterusia trimacula.

Heterusia trimacula, Möschler, Stett. Ent. Zeit. 1872, p. 342.

Sylhet.

389. Heterusia virescens.

Heterusia virescens, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 3, (1881).

Collection Swinhoe, Khandalla.
Allied to *H. magnifica* and *H. edocla*.

Genus **Devanica.**

390. Devanica bicolor.

Devanica bicolor, Moore, Trans. Ent. Soc. Lond. 1884, p. 355.

I. M., type specimen, Cachar (Wood-Mason).

391. Devanica cingala.

Eterusia cingala, Moore, Ann. Nat. Hist. (4), xx, p. 343, (1877).
Sephisa cingala, Moore, Lep. Ceyl. ii, p. 41, pl. 96, fig. 1, (1882).

Collection Swinhoe, Ceylon.

Genus **Pintia.**

392. Pintia ferrea.

Eterusia ferrea, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).
——————— *loc. cit.* vii, p. 1671, (1856).
Pintia ferrea, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, fig. 7, (1881).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Buxa (Moti Ram); no locality (Karachi Museum), *var.* Nicobar Is. (purchased); *var.* Andaman Is. (purchased).
Collection Swinhoe, Sikkim, Nicobars.
Also recorded from Sylhet and Hongkong.

Genus **Arachotia.**

393. ARACHOTIA FLAVIPLAGA.

Arachotia flaviplaga, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).
Darjiling.

394. ARACHOTIA VESPOIDES.

Arachotia vespoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 390
N. India.

Genus **Histia.**

395. HISTIA COMETARIS.

Histia cometaris, Butler, Ann. Mag. N. H. (5), x, p. 374, (1882).
Tenasserim.

396. HISTIA FLABELLICORNIS.

Zygæna flabellicornis, Fabr., Sp. Ins. ii, 163, 32, (1781).
———— Mant. Ins. ii, 105, 38, (1787).
———— Ent. Syst. iii, 1398, 40, (1793).
Papilio rhodope, Cramer, Pap. Exot. i, pl. 30, fig. E, (1775).
Histia flabellicornis, Hübner, Verz. Bek. Schmett., p. 198, 2015, (1816).
———— Walker, Cat. Lep Het. B. M. ii, p. 412, (1854).
I. M., Sikkim (Barnes), Naga, Sibsagar (Peal), Cherra, N. Khasi Hills.
Collection Swinhoe, Sikkim.
Also recorded from China and (?) S. America.

397. HISTIA FRATERNA.

Histia fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.
Calcutta.

398. HISTIA NILGIRA.

Histia nilgira, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Nilgiri Hills.

Genus **Gynautocera.**

399. GYNAUTOCERA PAPILIONARIA.

Gynautocera papilionaria, Guer., Mag. Zool. 1830, p. 12.
———— Walker, Cat. Lep. Het. B. M. ii, p. 411, (1854).
Histia papilionaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 846.
I. M., Sikkim (Barnes), Sylhet, Yunan, Naga, Sibsagar (Peal), Buxa (Moti Ram), Cachar (Wood-Mason).
Collection Swinhoe, Mussooree, Sylhet.
Also recorded from Nepal and Tenasserim.

Genus **Amesia.**

400. AMESIA ALIRIS.

Gynautocera (*Amesia*) *aliris*, Doubleday, Ann. Mag. N. H. (1), xix, p. 74, (1847).
Cyclosia aliris, Walker. Cat. Lep. Het. B. M. ii, p. 415, (1854).
Amesia aliris, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 83, fig. 10, (1881).

I. M., Sylhet, Naga, Sibsagar, Sikkim (Barnes).
Collection Swinhoe, Darjiling.

401. AMESIA MIDAMA.

Epyrgis midama, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. pl. 2, fig. 7, (1853).*
Chalcosia midama, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).
Amesia midama Moore, Lep. Ceyl. ii, p. 46, pl. 98, figs. 1, 1*a*, (1882).
Callamesia midama, Butler, Ann. Mag. N. H. (v), xvi, p. 345, (1885).

Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

402. AMESIA SANGUIFLUA.

Phalæna sanguiflua, Drury, Ins. Exot. ii, p. 35, pl. 20, figs. 1, 2, (1773).
Callimorpha sanguiflua, Westw., Ed. Drury, ii, p. 37, pl. 20, figs. 1, 2, (1837).*
Cyclosia sanguiflua, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).

I. M., Khasi Hills, Shillong.
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

403. AMESIA STELLIGERA.

Amesia stelligera, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, figs. 8. 9, (1881).

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim.
Also recorded from Bhotan.

Genus **Callamesia.**

404. CALLAMESIA HORMENIA.

Epyrgis hormemia, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 2, fig. 8, (1853).*

I. M., Sibsagar (Peal), Sikkim (F. C. Barnes,) Naga Hills, Sylhet.
Collection Swinhoe, Sikkim.

405. CALLAMESIA VENOSA.

Chalcosia venosa, Walker, Cat. Lep. Het. B. M. ii, p. 422, (1854).
——————— Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 2, 2*a*, (1882).

Collection Swinhoe, Ceylon.

Genus **Chalcosia.**

406. CHALCOSIA ADALIFA.

Chalcosia adalifa, Walker, Cat. Lep. Het. ii, p. 421, (1854).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
———————— Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 5, (1881).
Sylhet.

407. CHALCOSIA AFFINIS.

Gynautocera affinis, Guer., Voy. Deless. Hist. Nat., p. 86, pl. 24, fig. 2, (1843).
Chalcosia affinis, Butler, Ann. Mag. N. H. (5), v, p. 223, (1880).
———————— Moore, Lep. Ceyl. ii, p. 45, pl. 98, fig. 2, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
I. M., Nilgiri Hills (Karachi Museum).
Collection Swinhoe, Belgaum, Ghazi Ghat, Goa.
Also recorded from Ceylon and Pondicherry.

408. CHALCOSIA ALBATA.

Chalcosia albata, Moore, Proc. Zool. Soc. Lond, 1879, p. 390.
I. M., Shillong, Sikkim, Khasi Hills, Kulu (Young).
Mussooree (Templeton), Cherrapunji.
Also recorded from Dharmsala and Nepal.

409. CHALCOSIA ARGENTATA.

Chalcosia argentata, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).
I. M., Sibsagar (Peal), Cachar (Wood-Mason), Goalpara, Yunan.
Collection Swinhoe, Hazara, Sibsagar.

410. CHALCOSIA CORUSCA.

Milleria corusca, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 1, (1853).*
Chalcosia corusca, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).
I. M., Sikkim, Cherra, Sibsagar (Peal.)
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

411. CHALCOSIA PECTINICORNIS.

Sphinx pectinicornis, Linn., Syst. Nat. ii, 807, 44, (1767).
Zygæna pectinicornis, Fabr., Syst. Ent. 554, 18, (1775).
———————— Sp. Ins. ii, 164, 35, (1781).
———————— Mant. Ins. ii, 105, 42, (1787).
———————— Ent. Syst. iii, 1, 399, 44, (1793).
Gynautocera pectinicornis, Guer., Voy. Deless. Hist. Nat. 87, pl. 24, fig. 4, (1843).
Chalcosia pectinicornis, Hübn., Verz. Bek. Schmett. 173, 1785, (1816).
———————— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).
———————— *loc. cit.* vii, p. 1669, (1856).
Collection Swinhoe, Terai Alps, Simla, Kasauli.
Also recorded from Landaur, Nepal, China, (?) America.

412. Chalcosia pretiosa.

Chalcosia pretiosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 116, (1864).
———— Moore, Lep. Ceyl. ii, p. 44, pl. 96, fig. 4, (1882).

Ceylon.

413. Chalcosia quadrifasciata.

Chalcosia quadrifasciata, Moore, Lep. Ceyl. ii, p. 45, pl. 96, fig. 5, (1882).

Collection Swinhoe, Ceylon.

414. Chalcosia similata.

Chalcosia similata, Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 3, 3*a*, (1882).

Ceylon.

415. Chalcosia zehma.

Milleria zehma, Boisd., Herr.Schaff. Lep. Exot. Sp. Nov., pl. 1, fig 3, (1853).*
Chalcosia zehma, Walker, Cat. Lep. Het B. M. vii, p. 1670, (1856).
————Moore, Proc. Zool. Soc. Lond., 1867, p. 678.

Sylhet.

416. Chalcosia zuleika.

Chalcosia zuleika, Walker, Cat. ii, p. 423, (1854).

Sylhet.

Genus **Epyrgis.**

417. Epyrgis binghami.

Epyrgis binghami, Butler, Ann. Nat. Hist. (5), x, p. 374, (1882).

Tenasserim.

418. Epyrgis imitans.

Epyrgis imitans, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 84, fig. 1, (1881).

Bhotan.

419. Epyrgis papilionaris.

Phalæna papilionaris, Drury, Ins. Exot. ii, p. 4, pl. 2, fig. 4, (1773).
———— Cramer, Pap. Exot. i, pl. 29, fig. A, (1775).
Phalæna venaria, Fabr., Ent. Syst. iii, 2, 156, 96, (1794).
Esthema papilionaris, Hübner, Verz. Bek Schmett. 178, 1837, (1816).
Heleona papilionaris, Westw., Ed. Drury. ii, 4, pl. 2, fig. 4, (1837).*
Cyclosia papilionaris, Walker, Cat. Lep. Het. B. M, ii, p. 416, (1854).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Mergui (Anderson), Goalpara, Dunsiri, Sylhet, Buxa (Moti Ram), N. Khasi Hills, Sikkim (Barnes).

Collection Swinhoe, Darjiling, Cachar, Mergui.

Also recorded from Madras and Hongkong.

420. EPYRGIS PARVULA.

Epyrgis parvula, Butler, Ann. Mag. N. H. (5), xii, p. 160, (1883).
I. M., Nicobar Is. (purchased).
Collection Swinhoe, Andamans.
Also recorded from Darjiling.

Genus **Cyclosia.**

421. CYCLOSIA CARDINALIS.

Cyclosia cardinalis, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Darjiling.

422. CYCLOSIA NIGRESCENS.

Cyclosia nigrescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.
I. M., Andaman Is. (purchased).
Collection Swinhoe, British Burma.

423. CYCLOSIA PANTHONA.

Phalæna panthona, Cramer, Pap. Exot. iv, pl. 322, fig. C, (1780).
Cyclosia panthona, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854).
———————— Moore, Lep. Ceyl. ii, p. 44, pl. 97, figs. 1, 1*a*, 1*b*, (1882).
I. M., Cachar (Wood-Mason), Sibsagar (Peal), Mergui (Anderson).
Collection Swinhoe, N. India, Mergui.
Also recorded from Sylhet, Ceylon, and Hongkong.

424. CYCLOSIA VENUSTA.

Cyclosia venusta, Walker, Cat. Lep. Het. B. M. ii, p. 416, (1854).
Sylhet.

425. CYCLOSIA VIRGINALIS.

Milleria virginalis, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov, fig. 4, (1853).*
Cyclosia subcyanescens, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854).
Cyclosia virginalis, Walker, Cat. Lep. Het. vii, p. 1669, (1856).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Sylhet.

Genus **Chatamla.**

426. CHATAMLA FLAVESCENS.

Euschema flavescens, Walker, Cat. Lep. Het. ii, p. 406, (1854).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.
———————— Butler, Ill. Typ. Lep. Het. i, p. 57, pl. 14, fig. 3, (1877).
Chatamla flavescens, Moore, Proc. Zool. Soc. Lond. (1881), p. 326.
Collection Swinhoe, Sylhet.
Also recorded from Khasi Hills.

427. CHATAMLA NIGRESCENS.

Euschema nigrescens, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879).
Chatamla nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 326.
Darjiling.
Allied to *E. flavescens*.

428. CHATAMLA TRICOLOR.

Chatamla tricolor, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 1, (1881).

Sylhet.
Allied to *C. flavescens*.

Genus **Agalope.**

429. AGALOPE BASALIS.

Agalope basalis, Walker, Cat. Lep. Het. B. M. ii, p. 438, (1854).
———— Butler, Ill. Typ. Het. v, p. 26, pl. 84, fig. 5, (1881).

I. M., Sikkim (purchased), Kulu (purchased), Simla (deNiceville).
Collection Swinhoe, Cashmir, Pangi, Murree, Sikkim, Chumba.
Also recorded from Almora.

430. AGALOPE GLACIALIS.

Agalope glacialis, Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 6, (1881).

Darjiling.

431. AGALOPE PRIMULARIS.

Agalope primularis, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.
———— Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 7, (1881).

Collection Swinhoe, Kulu.
Also recorded from Darjiling.

Genus **Laurion.**

432. LAURION CIRCE.

Milleria circe, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 2, (1853).*
————Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).
Laurion metallica, Walker, *loc. cit.* ii, p. 426, (1854).
Lauria circe, Walker, *loc. cit.* vii, p. 1671, (1856).
Laurion circe, Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Khasi Hills (purchased), Sylhet, Cachar, Cherra, Shillong, Sibsagar (Peal).
Collection Swinhoe, Shillong, Khasi Hills.

433. LAURION GEMINA.

Laurion gemina, Walker, Cat. Lep. Het. B. M. ii, p. 427, (1854).
Lauria gemina, Walker, *loc. cit.* vii, p. 1671, (1856).
Milleria gemina, Walker, *loc. cit.* xxxi, p. 117, (1864).

I. M., Mergui (Anderson).
Collection, Swinhoe, Hongkong, Sylhet.

434. LAURION MILES.

Laurion miles, Butler, Ill. Typ. Lep. v, p. 25, pl. 84, fig. 3, (1881).

Darjiling.

Genus **Milleria.**

435. MILLERIA ALBIFASCIA.

Milleria albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 19, (1879).
Cherrapunji.

436. MILLERIA FULIGINOSA.

Cyclosia fuliginosa, Walker, Cat. Lep. Het. B. M. ii, p. 418, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Milleria fuliginosa, Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 6, (1881).
Sylhet.

Genus **Heteropan.**

437. HETEROPAN SCINTILLANS.

Heteropan scintillans, Walker, Cat. Lep. Het. B. M. ii, p. 441, (1854).
———————Moore, Lep. Ceyl. ii, p. 43, pl. 96, fig. 3, (1882).
Collection Swinhoe, Ceylon.

Genus **Herpa.**

438. HERPA SUBHYALINA.

Herpa subhyalina, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Sikkim.

439. HERPA VENOSA.

Herpa venosa, Walker, Cat. Lep. Het. B. M. ii, p. 442, (1854).
I. M., Cherra.
Collection Swinhoe, Sylhet.

Genus **Retina.**

440. RETINA RUBRIVITTA.

Retina rubrivitta, Walker, Cat. Lep. Het. B. M. ii, p. 439, (1854).
——————— Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 4, (1881).
I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

Genus **Pidorus.**

441. PIDORUS GLAUCOPIS.

Phalæna glaucopis, Drury, Ins. Exot. ii, p. 11, pl. 6, fig. 4, (1773).
——————— Cramer, Pap. Exot. iv, pl. 322, fig. D, (1780).
Zygæna glaucopis, Fabr., Sp. Ins. ii, p. 164, 37, (1781).
———————Mant. Ins. ii, p. 105, 45, (1787).
———————Ent. Syst. iii, 1, p. 400, 47, (1793).
Leucopsumis glaucopis, Hübn., Verz. Bek. Schmett, p. 177, 1827, (1836).
Callimorpha glaucopis, Westw., Ed. Drury ii, pl. 6, fig. 4, (1837).*
Pidorus glaucopis, Walker, Cat. Lep. Het. B. M. ii, p. 424, (1854).
I. M., Buxa (Moti Ram), Cachar (Wood-Mason), Sibsagar, Shillong, Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Codane.**

442. CODANE LEUCOMELAS.

Codane leucomelas, Moore, Journ. As. Soc. Beng. lv. (2), 1, p. 97, (1886).

Siam.

443. CODANE ZELICA.

Gynautocera (*Chalcosia*) *zelica*, Doubleday, Ann. Mag. N. H. (1), xix, p. 76, pl. 7, fig. 3, (1847).
Pidorus zelica, Walker, Cat. Lep. Het. B. M. ii, p. 425. (1854).
Codane zelica, Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 2, (1881).

Sylhet, Moulmein.

444. CODANE ZENOTEA.

Pidorus zenotea, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).
Codane zenotea, Descr. Ind. Lep. Atk. i, p. 17, (1879).

N. India, Cherrapunji.

Genus **Soritia.**

445. SORITIA FUSCESCENS.

Soritia fuscescens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).

Darjiling.

446. SORITIA HYALINA.

Cyclosia hyalina, Kollar, Kaschmir, Von Hügel, p. 462, (1848).
Soritia hyalina, Walker, Cat. Lep. Het. B. M. ii, p. 436, (1854).

Mussooree.

447. SORITIA LEPTALINA.

Soritia leptalina, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).

Sylhet, Nepal.

448. SORITIA OLIVASCENS.

Soritia olivascens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).

I. M., a specimen with no history.
Recorded from Khasi Hills.

449. SORITIA SEXPUNCTATA.

Eterusia sexpunctata, Walker, Cat. Lep. Het. B. M. ii, p. 432, (1854).

I. M., Sikkim (purchased), Cherra, Khasi Hills (purchased).
Collection Swinhoe, Nepal, Darjiling.
Also recorded from Sylhet.

Genus **Chelura.**

450. CHELURA BASIFLAVA.

Chelura basiflava, Moore, Proc. Zool. Soc. Lond. 1879, p. 391.
——————— Waterhouse, Aid. ii, pl. 131, fig. 3, (1883).*

Darjiling.

451. CHELURA BIFASCIATA.

Chelura bifasciata, Hope, Trans. Linn. Soc. Lond. xviii, p. 444, (1841).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 437, (1854).

Collection Swinhoe, India.
Also recorded from Nepal and Assam.

452. CHELURA ERONIOIDES.

Chelura eronioides, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sikkim.

453. CHELURA GLACIALIS.

Chelura glacialis, Moore, Proc. Zool. Soc. Lond. 1872, p. 570.

I. M., a specimen with no history.
Recorded from Darjiling.

Genus **Erasmia.**

454. ERASMIA PULCHELLA.

Erasmia pulchella, Hope, Trans. Linn. Soc. Lond. xviii, p. 446, pl. 31, fig. 5, (1841).
——————— Westw., Arcana Ent., p. 19 (1843).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 419, (1854).

I. M., Naga, Sikkim (Atkinson), Sibsagar (Peal), Sylhet.
Collection Swinhoe, Darjiling.

Genus **Campylotes.**

455. CAMPYLOTES ATKINSONI.

Campylotes atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).
——————— Waterhouse, Aid. ii, pl. 92, (1882).*

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

456. CAMPYLOTES HISTRIONICUS.

Campylotes histrionicus, Westw., Royle, Illustr. Himalayas, p. liii, pl. 10, fig. 1, (1837).
——————— Arcana Ent., p. 20, (1843).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).
Chalcosia histrionica, Kollar, Kaschmir, Von Hügel, p. 463, (1848).

I. M., Shillong, Mussooree (Templeton), Khasi Hills, Kulu (Purchased), Kumaon (Clellain), Cherra, Delhi.
Collection Swinhoe, Simla, Sikkim, Khasi Hills.
Also recorded from Nepal and Kashmir.

Genus **Atossa.**

457. ATOSSA NELCINNA.

Atossa nelcinna, Moore, Proc. Zool. Soc. Lond. 1874, p. 577, pl. 67, fig. 7.

N.W. Himalayas.

Genus **Thymara.**

458. THYMARA CAUDATA.

Thymara caudata, Moore, Proc. Zool. Soc. Lond. 1879, p. 394, pl. 32, fig. 3.

I. M., Wynaad.
Also recorded from Burma and Assam.

459. THYMARA ZAIDA.

Thymara zaida, Doubleday, Zoologist i, p. 198.*
———— Walker, Cat. Lep. Het. ii, p. 383, (1854).

N. India.

FAMILY NYCTEMERIDÆ.

Genus **Nyctemera.**

460. NYCTEMERA ARCTATA.

Nyctemera arctata, Walker, Cat. Lep. Het. B. M. vii, p. 1664, (1856).

Collection Swinhoe, Darjiling.
Also recorded from Cherrapunji.

461. NYCTEMERA CENIS.

Phalæna cenis, Cramer, Pap. Exot. ii, pl. 147, fig. E, (1777).
Nyctemera cenis, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 332, (1859).

I. M., Shillong, Naga Hills, Sibsagar, Yunan, Buxa (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim, Assam.
Also recorded from Cherrapunji.

462. NYCTEMERA COLETA.

Phalæna coleta, Cramer, Pap. Exot. iv, pl. 368, fig. H, (1781).
Nyctemera coleta, Hübn., Verz. Bek. Schmett. 178, (1816).
———— Walker, Cat. Lep. Het. B. M. ii, p. 399, (1854).
———— Moore, Journ. As. Soc. Beng., lv, (2), 1, p. 97, (1886).

I. M., Sibsagar (Peal), Perak (purchased), Tavoy (Moti Ram).
Also recorded from Ceylon and Ceram.

463. NYCTEMERA LACTICINIA.

Phalæna (Geometra) lacticinia, Cramer, Pap. Exot. ii, pl. 128, fig. E, (1777)
Nyctemera lacticinia, Hübner, Verz. Bek. Schmett. p. 178, (1816).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 395, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 321, pl. 14, figs. 10, 10*a*, (1859).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 614.
——————— Moore, Lep. Ceyl. ii, p. 47, pl. 99, figs. 1, 1*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
——————— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

I. M., Cachar (Wood-Mason).
Collection Swinhoe, Belgaum, Poona, Travancore, Nilgiri Hills.
Also recorded from Coromandel, Malabar, Burma, Ceylon, Java, Ceram, Hongkong.

464. NYCTEMERA MACULOSA.

Nyctemera maculosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 198, (1864).

I. M., Sikkim, Shillong.
Allied to *N. lacticinia*.

465. NYCTEMERA NIGROVENOSA.

Nyctemera nigrovenosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.
——————— Lep. Ceyl. ii, p. 48, pl. 98, figs. 4, 4*a*, (1882).

Allied to *N. coleta*.
Collection Swinhoe, Ceylon.

466. NYCTEMERA TRIPUNCTARIA.

Phalæna tripunctaria, Linn. Mus. Lud. Ulr. p. 392, (1764).
——————— Syst. Nat. (ed. 12), 2, p. 864, 226, (1767).
——————— Cramer, Pap. Exot. i, pl. 22, fig. E. (1775).
——————— Fabr., Sp. Ins. ii, p. 250, 47, (1781).
——————— Mant. Is. (ii), p. 193, 71, (1787).
Nyctemera tripunctaria, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).
——————— Moore, Journ. As. Soc. Beng. lv, (2), i, p. 97, (1886).
Nyctemera atralba, Hübn. Verz Bek. Schmett. 178, (1816).

I. M., Tavoy (Moti Ram).
Also recorded from Assam, Penang, China.

Genus **Pitasila**.

467. PITASILA LEUCOSPILOTA.

Pitasila leucospilota, Moore, Proc. Zool. Soc. Lond. 1877, p. 599, pl. 59, fig. 7.

I. M., Andaman Is. (purchased).
Collection, Swinhoe, Andaman Is.

468. PITASILA MOOLAICA.

Pitasila moolaica, Moore, Proc. Zool. Soc. Lond. 1878, p. 847, pl. 53, fig. 10.

Tenasserim.

469. PITASILA VARIANS.

Nyctemera varians, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
———— *loc. cit.* vii, p. 1663, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 332, (1859).
Pitasila varians, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 4, (1881).
———— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 234, (1884).

I. M., Sikkim (Barnes), Naga Hills, Sibsagar, Shillong, Dunsiri, Cachar (Wood-Mason), Buxar (Moti Ram).
Collection Swinhoe, Sikkim, Assam.
Also recorded from Moulmein.

470. PITASILA VARIOLOSA.

Pitasila variolosa, Felder, Reise Novara Lep., pl. 129, fig. 15, (1864-75).

I. M., Nicobar Is. (Cadell and deNiceville).
Collection Swinhoe, Nicobar Is.

Genus **Trypheromera.**

471. TRYPHEROMERA PLAGIFERA.

Nyctemera plagifera, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
Trypheromera plagifera, Butler, Ill. Typ. Lep. Het, v, p. 45, pl. 88, fig. 3, (1881).
Tryphæromera (sic) *plagifera*, Moore, Journ. As. Soc. Bengal, liii, (2), 3, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Cherra, Khasi Hills, Sibsagar (Peal).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet and Hongkong.

Genus **Leptosoma.**

472. LEPTOSOMA LATISTRIGA.

Nyctemera latistriga, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 331, (1859).
———— Lep. Ceyl. ii, p. 48, pl. 99, fig. 2, (1882).
Leptosoma latistriga, Butler, Ill. Typ. Lep. Het. v, p. 44, pl. 88, fig. 1, (1881).

I. M., Mergui (Anderson), Andaman Is. (purchased), Nicobar Is. (de Niceville), Tavoy (Moti Ram).
Collection Swinhoe, Calicut, Andaman Is.
Also recorded from Sylhet, Moulmein, Kanara, Ceylon, Java.

Genus **Zonosoma.**

473. ZONOSOMA INTERLECTUM.

Nyctemera interlecta, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
Zonosoma interlectum, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 2, (1881).

Sylhet.

Genus **Pterothysanus.**

474. PTEROTHYSANUS ATRATUS.

Pterothysanus atratus, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

Assam.

475. PTEROTHYSANUS LATICILIA.

Pterothysanus laticilia, Walker, Cat. Lep. Het. B. M. ii, p. 401, (1854).
——————— Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 333, pl. 8a, fig. 8, (1859).
——————— Butler, Ill. Typ. Lep. Het. i, p. 56, pl. 14, fig. 2, (1877).
——————— Ann. Mag. N. H. (5), xvi, p. 345, (1885).

I. M., Sikkim (Atkinson and Barnes), Sibsagar (Peal), Buxar (Moti Ram).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

476. PTEROTHYSANUS PICTUS.

Pterothysanus pictus, Butler, Ann. Mag. N. H. (5), xiv, p. 407, (1884).

Elephanta Island.

Genus **Arbudas.**

477. ARBUDAS BICOLOR.

Arbudas bicolor, Moore, Descr. Ind. Lep. Atk. i, p. 20, pl. 2, fig. 19, (1879).

Darjiling.

Genus **Curoba.**

478. CUROBA SANGARIDA.

Phalæna (Noctua) sangarida, Cramer, Pap. Exot. iv, pl. 381, fig. D. (1781).
Phalæna (Noctua) mopsa, Drury, Exot. Ins. iii, p. 4, pl. 3, fig. 3, (1782).
Eucharia sangarida, Hübn., Verz. Bek. Schmett, p. 181, (1816).
Callimorpha mopsa, Westw., Ed. Drury iii, p. 4, pl. 3, fig. 3, (1837).*
Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).
Alope sangarida, Walker, *loc. cit.* iii, p. 620, (1855).
Curoba fasciata, Walker, *loc. cit.* xxxi, p. 272, (1864).
Curoba sangarida, Moore, Lep. Ceyl. ii, p. 49, pl. 99, figs. 3, 3*a*, (1882).

Ceylon, Madras.

Genus **Dondera.**

479. DONDERA ALBA.

Dondera alba, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).
——————— Lep. Ceyl. ii, p. 48, pl. 98, fig. 3, (1882).

Ceylon.

Family CALLIDULIDÆ.

Genus Callidula.

480. Callidula anchora.

Callidula anchora, Moore, MS.

I. M., Kulu (purchased), Sikkim (Barnes).
Collection Swinhoe, Simla, Kulu.

481. Callidula erycinoides.

Callidula erycinoides, Walker, Char. Undescr. Lep. Het. p. 3, (1869).

Collection Swinhoe, Darjiling, Terai Ghat.

Genus Cleosiris.

482. Cleosiris catamita.

Cleosiris catamita, Hübn. Geyr. Zutr. Exot. Schmett, pt. 4, p. 17, figs. 653, 654, (1832).*
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 59, (1864).
——————— Doubleday Westw., Gen. Diurn. Lep. ii, p. 504, pl. 77, fig. 9.
——————— Boisd., Sp. Gen. Lep. i, pl. 23, fig. 3.*
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 599.
——————— Snellen, Tijd. Ent. xxii, p. 67, pl. vi, figs. 1, 1*a*, 1*b*, 1*c*, (1879).
——————— Moore, Lep. Ceyl. ii, p. 50, pl. 99, figs. 4, 4*a*, (1882).

I. M., Sibsagar (Peal), Sikkim (Barnes), Andaman Is., *var.* (purchased), Nicobar Is., *var.* (purchased).
Collection Swinhoe, Sikkim, and Ceylon.
Also recorded from Sylhet, S. India, and Java.

483. Cleosiris major.

Cleosiris major, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.

N. India.

Genus Herimba.

484. Herimba atkinsoni.

Herimba atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 21, pl. 2, fig. 3, (1879).

Darjiling.

Genus Datanga.

485. Datanga attenuata.

Datanga attenuata, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).

Collection Swinhoe, Sikkim.

486. DATANGA MINOR.

Datanga minor, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).
Moulmein, Burma.

FAMILY PSYCHIDÆ.

Genus Aprata.

487. APRATA MACKWOODII.

Aprata mackwoodii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, fig. 8, (1882).
Ceylon.

488. APRATA THWAITESII.

Aprata thwaitesii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, figs. 7, 7*a*, (1882).
Ceylon.

Genus Bambalina.

489. BAMBALINA CONSORTA.

Oiketicus (*Cryptothelea*) *consortus*, Templeton, Trans. Ent. Soc. Lond. v, p. 40, pl. 5, figs. 6, 7, (1847-49).
Oiketicus consortus, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 36, fig. 3.
——————— Heyleart, Comptes Rend. Soc. Ent. Belg. 1884, p. xxxvii.
Bambalina consorta, Moore, Lep. Ceyl. ii, p. 103, pl. 118, figs. 3, 3*a*, (1882).
Ceylon, N. India.

Genus Eumeta.

490. EUMETA CRAMERII.

Oiketicus cramerii, Westw., Proc. Zool. Soc. Lond. 1854, p. 236, pl. 37, fig. 4.
Cryptothelea consorta, Walker (*nec* Templeton), Cat. Lep. Het. B. M. iv, p. 970, (1855).
Eumeta crameri, Moore, Cat. Lep. Mus. E. I. Co. ii, p. 434, (1859).
——————— Lep. Ceyl. ii, p. 102, pl. 118, figs. 1, 1*a*, (1882).
Eumeta nietneri, Felder, Reise Novara, pl. 83, fig. 21, (1864-75).
I. M., Calcutta (Wood-Mason), Panjab (India Forest Department), Assam (Messrs. Mackinnon, Mackenzie & Co.)
Also recorded from Kanara and Ceylon.

491. EUMETA LAYARDII.

Eumeta layardii, Moore, Lep. Ceyl. ii, p. 102, pl. 118, figs. 2, 2*a*, (1882).
Eumeta cramerii, Walker (*nec* Westw.) Cat. Lep. Het. B. M. iv, p. 964, (1855).
Ceylon.

Genus **Dappula.**

492. DAPPULA TEMPLETONII.

Oiketicus templetonii, Westw., Proc. Zool. Soc. Lond. (1854), p. 234, pl. 36, fig. 2.
——————— Heylearts, Comptes Rend. Soc. Ent. Belg. 1884, p. xxxvii.
Oiketicus tertius, Templeton, Trans. Ent. Soc. Lond. v, p. 39, pl. 5, figs. 1-5, (1847-49).
Eumeta templetonii, Walker, Cat. Lep. Het. B. M. iv, p. 965, (1855).
Dappula templetonii, Moore, Lep. Ceyl. ii, p. 104, pl. 118, figs. 6, 6*a*, (1882).

Ceylon, Hongkong.

Genus **Manatha.**

493. MANATHA ALBIPES.

Manatha albipes, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).
——————— Lep. Ceyl. ii, p. 105, pl. 118, figs. 4, 4*a*, (1882).

Ceylon.

Genus **Metisa.**

494. METISA PLANA.

Metisa plana, Walker, Cat. Lep. Het. B. M. iv, p. 958, (1855).
——————— Moore, Lep. Ceyl. ii, p. 105, pl. 118, fig. 9, (1882).

Ceylon.

Genus **Chalia.**

495. CHALIA DOUBLEDAII.

Oiketicus doubledaii, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 34, fig. 4.
Psyche doubledaii, Walker, Cat. Lep. Het. B. M. iv, p. 956, (1855).
Chalia doubledayi, Moore, Ann. Mag. N. H. (4), xx, p. 346, (1877).
——————— Lep. Ceyl. ii, p. 106, pl. 118, figs. 5, 5*a*, (1882).

Ceylon.

Genus **Mahasena.**

496. MAHASENA ANDAMANA.

Mahasena andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602, pl. 59, fig. 4.

S. Andaman Is.

Genus **Kophene.**

497. KOPHENE CUPREA.

Kophene cuprea, Moore, Descr. Ind. Lep. Atk. i, p. 72, (1879).

Calcutta.

498. KOPHENE MINOR.

Kophene minor, Moore, Descr. Ind. Lep. Atk. i, p. 73, (1879).
Chalia minor, Heylearts, Comptes Rendus Soc. Ent. Belg. 1884, p. xxxvi.
Calcutta.

FAMILY NYCTEOLIDÆ.

Genus **Earias**.

499. EARIAS CHROMATARIA.

Earias chromataria, Walker, Cat. Let. Hep. B. M. xxvii, p. 204, (1863).
Earias chromotaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880.
Collection Swinhoe, Simla, Bombay.

500. EARIAS INSULANA.

Tortrix insulana, Boisd., Faune Ent. Madag., p. 121, pl. 16, fig. 9, (1833).*
Earias smaragdinana, Zeller (*nec* Walker), Lep. Mic. Wahlb. Caffr., p. 79, (1852).*
Cleophora insula, Boisd., Guen. Notes, Bourbon, Maillard, ii, G, p. 39, (1873).*
Earias frondosana, Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (except *var.* B) (1863).
—————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
—————— *loc. cit.*, 1885, p. 880.
—————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, fig. 1, (1886).
Earias simillima, Walker, *loc. cit.*, xxxv, p. 1775, (1866).
—————— Swinhoe, *loc. cit.*, 1885, p. 880.
Earias siliquana, Stainton, Trans. Ent. Soc. Lond. (iii), v, p. lxxxix (1865-67).
Earias gossypii, Frauenfeld, Verh. Zool. Bot. Ges. Wien. xvii, p. 791, (1867).
—————— *loc. cit.*, xviii, p. 417, (1868).
Earias insulana, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 869, (1870).
Collection Swinhoe, Bombay, Satara, Poona, Asirgarh Karachi.
Also recorded from S. Europe, Africa, Madagascar, Mauritius, and Siam.
Attacks cotton boll in Egypt.

501. EARIAS HÜGELI.

(?) *Earias frondosana* (*var.* B), Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (1863).
Earias hügeli, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 872, (1870).
India, Australia.

502. EARIAS SPEIPLENA.

Aphusia speiplena, Walker, Cat. Lep. Het. B. M. xii, p. 770, (1857).
Micra partita, Walker, xxxiii, p. 799, (1865).
Collection Swinhoe, Cawnpore, Mhow, Karachi, Bombay, Khandalla.
Also recorded from Java.

503. EARIAS TRISTRIGOSA.

Earias tristrigosa, Butler, Proc. Zool. Soc. Lond. 1881, p. 614.
——————— *loc. cit.* 1883, p. 157.
——————— Swinhoe, Proc. Zool. Lond. 1884, p. 528; and 1885, p. 881.

Collection Swinhoe, Karachi, Beluchistan.
Also recorded from Bombay and the Punjab.

Genus **Tyana.**

504. TYANA CALLICHLORA.

Tyana callichlora, Walker, Cat. Lep. Het. B. M. xxxv, p. 1776, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 14.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, figs. 2 & 3, (1886).

I. M., a specimen with no history.
Collection Swinhoe, Darjiling.

505. TYANA CHLOROLEUOA.

Tyana chloroleuca, Walker, Cat. Lep. Het. B. M. xxxv, p. 1777, (1866).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 15, pl. 105, figs. 5 & 6, (1886).

Darjiling.

506. TYANA FALCATA.

Hylophila falcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1772, (1866).
Tyana falcata, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 9, (1886).

Collection Swinhoe, Darjiling.

507. TYANA LANCINA.

Tyana lancina, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 8, (1886).

Bhotan.

508. TYANA PUSTULIFERA.

Earias pustulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1773, (1866).
Tyana pustulifera, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 7, (1886).

Nepal.

509. TYANA SPECULATRIX.

Tyana speculatrix, Butler, Ann. Mag. N. H. (5), vi, p. 64. (1880).
——————— Ill. Typ. Lep. Het. vi, p. 15, pl. 105, fig. 4, (1886).

Collection Swinhoe, Sikkim.

510. TYANA SUPERBA.

Tyana superba, Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 15.

Darjiling.

Genus **Thagora.**

511. THAGORA FIGURANA.

Thagora figurana, Walker, Cat. Lep. Het. B. M. xxvii, p. 205, (1863).

Ceylon.

Family LITHOSIIDÆ.

Sub-Family Hypsinæ.

Genus Peridrome.

512. Peridrome orbicularis.

Hypsa (*Peridrome*) *orbicularis*, Walker, Cat. Lep. Het. B. M. ii, p. 445, (1854).
Aganopis subquadrata, Herr. Schäff., Lep. Spec. Nov., p. 70, fig. 501, (1856).*
Peridrome orbicularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; 1877, p. 598; and 1878, p. 847.

I. M., Sylhet, Tenasserim, Andaman Is. (purchased).
Collection Swinhoe, Andamans, Rangoon, Assam.

Genus Euplocia.

513. Euplocia membliaria.

Phalæna membliaria, Cramer, Pap. Exot. iii, p. 269, figs. C, D, (1780).
Euplocia membliaria, Hübner, Verz. Bek. Schmett. p. 172, (1816).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1877, p. 598.
Hypsa membliaria, Walker, Cat. Lep. Het. B. M. ii, p. 448, (1854).

I. M., Andaman Is. (purchased).
Collection Swinhoe, South Andamans.
Also recorded from Bengal.

Genus Neochera.

514. Neochera domina.

Phalæna domina, Cramer, Pap. Exot. iii, pl. 263, figs. A. B, (1779).
Neochera domina, Hübn. Verz. Bek. Schmett, p. 173, (1816).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Cherrapunji, Coromandel, Sylhet, Java.

515. Neochera marmorea.

Hypsa (*Neochera*) *dominia*, Walker (*nec* Cramer), Cat. Lep. Het. B. M. ii, p. 448, (1854).
Hypsa (*Euplocia*) *marmorea*, Walker, *loc. cit.* vii, p. 1674, (1856).
Neochera marmorea, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1878, p. 847.
———————— Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, figs. 10 and 11.

I. M., Sikkim (purchased), Buxa (Moti Ram), Cachar (Wood-Mason), Sylhet, Naga Hills, Sibsagar (Peal), Tavoy (Moti Ram).
Collection Swinhoe, Pegu, Sylhet, Sibsagar, Rangoon.
Also recorded from Moulmein and Java.

516. Neochera tortuosa.

Neochera tortuosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 570, pl. 33, fig. 2.

India.

Genus **Hypsa.**

517. HYPSA CANARAICA.

Hypsa canaraica, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.

Collection Swinhoe, Nilgiris.
Also recorded from Kanara.
Allied to *H. heliconia*.

518. HYPSA CLAVATA.

Hypsa clavata, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.
———— Moore, Journ. As. Soc. Beng. (53), 2, iii, p. 235, (1884).

Cachar, Sylhet, Hongkong.

519. HYPSA HELICONIA.

Phalæna heliconia, Linn., Syst. Nat., ed. x, p. 511, (1758).*
———— Mus. Lud. Ulr., p. 385, (1764).
Hypsa doryca, Walker, Cat. Lep. Het. B. M. ii, p. 459, (1854).
Hypsa heliconia, Aurivillius (*nec* Walker), Kon. Sv. Akad. Handl. Band 19, No. 5, p. 159, pl. 1, fig. 6, (1882).

Sylhet, New Guinea.

520. HYPSA LACTEATA.

Hypsa lacteata, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 9, (1881).

Collection Swinhoe, Sylhet.
Also recorded from Darjiling.

521. HYPSA MONYCHA.

Phalæna monycha, Cramer, Pap. Exot. ii, pl. 131, fig. C, (1777).
Hypsa monycha, Walker, Cat. Lep. Het. B. M. ii, p. 451, (1854).

I. M., Sibsagar (Peal), Cachar (Wood-Mason).
Collection Swinhoe, Sylhet.
Also recorded from Coromandel.
Allied to *H. plana*.

522. HYPSA PAPHOS.

Noctua paphos, Fabr., Ent. Syst. iii, (2), p. 18, No. 33. (1794).
Hypsa heliconia, var. *a*, Walker, Cat. Lep. Het. B. M. ii, p. 452, (1854).

I. M., Sibsagar (Peal), Sikkim (purchased), Cachar, (Wood-Mason).
Collection Swinhoe, Sikkim, Rangoon.

523. HYPSA PERSECTA.

Hypsa persecta, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.
———— Moore, Lep. Ceyl. ii, p. 51, pl. 100, figs. 1, 1*a*, (1882).

I. M., Sikkim, Khurdha (deNiceville).
Also recorded from Ceylon.
Allied to *H. plana*.

524. HYPSA PLANA.

Hypsa plana, Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).

Sylhet, Ceylon, Java.

525. Hypsa silvandra.

Phalæna silvandra, Cramer, Pap. Exot. iv, pl. 369, fig. D, (1781).
Hypsa silvandra, Hübn. Verz. Bek. Schmett., p. 172, (1816).
———— Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).
———— *loc. cit.* vii, p. 1674, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

I. M., Sibsagar (Peal).
Collection Swinhoe, Upper Tenasserim.
Also recorded from Coromandel, Sylhet, Hongkong, and Australia.

526. Hypsa subsimilis.

Hypsa subsimilis, Walker, Cat. Lep. Het. B. M. xxxi, p. 212, (1864).
———— Moore, Proc. Zool. Soc. Lond. (1878), p. 847.

Singapore, Tenasserim.

527. Hypsa venalba.

Hypsa venalba, Moore, Proc. Zool. Soc. Lond. 1877, p. 598.

I. M., Nicobar Is. (Cadell and deNiceville).
Collection Swinhoe, Nicobar Is.
Also recorded from Andaman Is.

Genus **Damalis.**

528. Damalis alciphron.

Phalæna alciphron, Cramer, Pap. Exot. ii, pl. 133, fig. E, (1777).
Noctua caricæ, Fabr., Ent. Syst. iii, 2, p. 27, 63, (1794).
———— Donovan, Epit. Ins. New. Holl., pl. 39, fig. 2, *
Hipocrita (*vulgaris*) *caricæ*, Hübn., Samml. Exot. Schmett. 1, pl. 191, figs. 1-4, (1806). *
Damalis caricæ, Hübn., Verz. Bek. Schmett., p. 172, (1816).
Hypsa (*Damalis*) *caricæ*, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).
———— *loc. cit.*, vii, p. 1675, (1856).
Hypsa alciphron, Moore, Cat. Lep. Mus. E. I. C. ii, p. 292, pl. 13, figs. 6, 6*a*, (1859).
Hypsa caricæ, Snellen, Tijd. Ent. xx, p. 6, (1877).
Damalis alciphron, Moore, Proc. Zool. Soc. Lond. 1877, p. 598; and 1878, p. 847.
———— Lep. Ceyl. ii, p. 52, pl. 102, figs. 1, 1*a*, 1*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Kulu (purchased) Andaman Is. (purchased).
Collection Swinhoe, Andamans, Bombay.
Also recorded from Tenasserim, Penang, Ceylon, Amboina, Ceram, New Guinea, Java.

529. Damalis andamana.

Hypsa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 5.

I. M., Andaman Is. (purchased).

530. Damalis concana.

Damalis concana, Moore, Proc. Zool. Soc. Lond. 1878, p.
——— Waterhouse, Aid, ii, pl. 132, fig. 7. *

Canara.
Allied to *D. alciphron*.

531. Damalis egens.

Hypsa (*Damalis*) *egens*, Walker, Cat. Lep. Het. B. M. ii, p. 453, (1854).
Aganais egens, Snellen, Tijd. Ent. xxii, p. 80, pl. 7, fig. 4, (1879).
Damalis egens, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 8, (1881).

I. M., Buxa (Moti Ram), Sikkim (Barnes), Sibsagar (Peal).
Collection Swinhoe, Assam, Rangoon.
Also recorded from Sylhet, Moulmein, and Java.

532. Damalis javana.

Phalæna javana, Cramer, Pap. Exot. iii, pl. 274, fig. C, (1780).
Hypsa javana, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).

Java, E. Indies.

533. Damalis nebulosa.

Damalis nebulosa, Butler, Trans. Ent. Soc. Lond. 1875, p. 322.

Andaman Is., Sarawak.

534. Damalis plaginota.

Hypsa plaginota, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.
Damalis plaginota, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.
——— Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 7, (1881).

I. M., Sylhet, Kulu (purchased), Cachar (Wood-Mason), Sibsagar, Sikkim (Barnes), Buxa (Moti Ram).
Collection Swinhoe, Simla, Sikkim, Kulu.
Also recorded from Tenasserim.
Allied to *D. alciphron*.

535. Damalis producta.

Hypsa producta, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.
Damalis producta, Moore, Lep. Ceyl. ii, p. 52, pl. 101, figs. 1, 1*a*, (1882).

Collection Swinhoe, Ceylon.

536. Damalis sericea.

Hypsa sericea, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.
Damalis sericea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

Collection Swinhoe, Poona, Bombay.
Also recorded from Kanara.

537. DAMALIS STRIGIVENATA.

Damalis strigivenata, Butler, Trans. Ent. Soc. Lond. 1875, p. 321.
———— Ann. Mag. N. H. (5), V, p. 223, (1880).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Tavoy (Moti Ram), Perak (purchased).
Collection Swinhoe, Calicut, Belgaum, Poona, Bombay.
Allied to *D. alciphron*.

Genus **Lacides.**

538. LACIDES FICUS.

Noctua ficus, Fabr., Ent. Syst. iii, 2, p. 27, 62, (1794).
Damalis ficus, Hübn. Verz. Bek. Schmett, p. 172, 1781, (1816).
Hypsa (*Lacides*) *ficus*, Walker, Cat. Lep. Het. B. M. ii, p. 456, (1854).
Hypsa ficus, Moore, Cat. Lep. Mus. E. I. C. ii, p. 293, pl. 13, figs. 8, 8*a*, (1859).
Lacides ficus, Moore, Lep. Ceyl. ii, p. 53, pl. 100, fig. 2, (1882).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
———— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Allahabad (Dobson), Kulu (purchased).
Collection Swinhoe, Simla, Mhow, Poona, Belgaum, Bombay, Karachi, Mahableshwar.
Also recorded from Tranquebar, Kanara, and Ceylon.

Genus **Anagnia.**

539. ANAGNIA SUBFASCIA.

Hypsa (*Anagnia*) *subfascia*, Walker, Cat. Lep. Het. B. M. ii, p. 446, (1854).
Anagnia subfascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.

Collection Swinhoe, N. India.
Also recorded from Tenasserim.

Genus **Philona.**

540. PHILONA CINERASCENS.

Hypsa (*Philona*) *cinerascens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 6.

I. M., Andaman Is. (purchased).
Collection Swinhoe, Upper Tenasserim, South Andamans.

541. PHILONA INOPS.

Hypsa (*Philona inops*), Walker, Cat. Lep. Het. B. M. ii, p. 457, (1854).
Philona inops, Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
———— Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 6 (1881).

I. M., Sibsagar (Peal), Cachar (Wood-Mason).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

Genus **Calpenia.**

542. CALPENIA KHASIANA.

Calpenia khasiana, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
————Descr. Ind. Lep. Atk. i, p. 22, (1879).

Khasi Hills.

543. CALPENIA SAUNDERSI.

Calpenia saundersi, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 1.
India.

Genus **Agrisius.**

544. AGRISIUS FULIGINOSUS.

Agrisius fuliginosus, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 3.
India.

545. AGRISIUS GUTTIVITTA.

Agrisius guttivitta, Walker, Cat. Lep. Het. B. M. iii, p. 723, (1854).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
———————Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 2, (1881).
Collection Swinhoe, Sikkim.

Genus **Migoplastis.**

546. MIGOPLASTIS CORRECTA.

Hypsa correcta, Walker, Cat. Lep. Het. B. M. xxxi, p. 217, (1864).
Migoplastis ceylanica, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285, (1868).
Migoplastes ceylonica (sic), Moore, Lep. Ceyl. ii, p. 54, pl. 100, fig. 5, (1882).
Pachyphilona correcta, Butler, Trans. Ent. Soc. Lond. 1875, p. 325.
Ceylon.

Genus **Digama.**

547. DIGAMA FASCIATA.

Digama fasciata, Butler, Trans. Ent. Soc. Lond. 1877, p. 362.
———————Moore, Lep. Ceyl. ii, p. 55, pl. 100, fig. 4, (1882).
Ceylon.

548. DIGAMA FIGURATA.

Digama figurata, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
Collection Swinhoe, North Kanara, Bombay, Khandalla, Mahableshwar.
Also recorded from Burma.

549. DIGAMA HEARSEYANA.

Digama hearseyana, (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. 7*a*, fig. 3*a*, (1859).
——————— Walker, Cat. Lep. Het. B.M. xxxi, p. 238, 1864.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 363.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 4.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
I. M., Kulu (purchased).
Collection Swinhoe, Simla, Mirzapore, Sikkim, Campbellpur Bombay, Poona.
Also recorded from Allahabad, Manpuri, Dehra, Kanara, and Ceylon.

550. DIGAMA INSULANA.

Digama insulana, Felder, Verh. Zool. Bot. Ges. Wien. xviii, p. 285, (1868).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 363.
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
———— Lep. Ceyl. ii, p. 54, pl. 100, fig. 3, (1882).
Digama hearseyana (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. vii *a*, fig. 3, (1859).

Collection Swinhoe, Ceylon.
Also recorded from India.

551. DIGAMA MARCHALII.

Callimorpha marchalii, Guer., Voy. Deless. Hist. Nat., p. 91, pl. 26, fig. 2, (1843).
Hypercompa marchalii, Walker, Cat. Lep. Het. ii, p. 656, (1855).
Digama marchalii, Butler, Trans. Ent. Soc. Lond. 1877, p. 363.

Nilgiri Hills.

552. DIGAMA NEBULOSA.

Digama nebulosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 238, (1864).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 362.

India.

553. DIGAMA SIMILIS.

Digama similis, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.

N.-W. Himalayas.

Sub-Family LITHOSIINÆ.

Genus **Macrobrochis.**

554. MACROBROCHIS ALBICANS.

Macrobrochis albicans, Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 5, (1881)

Bhotan.
Allied to *M. leucospilota*.

555. MACROBROCHIS ATRATA.

Lithosia gigas (*var.* ♂), Walker, Cat. Lep. Het. B. M. vii, p. 1681, (1855).
Macrobrochis atrata, Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 3, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet.

556. MACROBROCHIS GIGAS.

Lithosia gigas, ♂, Walker, Cat. Lep. Het. B. M. ii, p. 494, (1854); and vii, p. 1681, (1856).
Macrobrochis interstitialis, Herr Schäff, Lep. Exot., pl. 72, fig. 531, (1856).*
Macrobrochis gigas, Walker, *loc. cit.* xxxi, p. 223, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 7.
———— Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 4, (1881).

I. M., Sikkim (Barnes and Elwes).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

557. MACROBROCHIS LEUCOSPILOTA.

Macrobrochis leucospilota, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.

Cherrapunji.

558. MACROBROCHIS NIGRESCENS.

Macrobrochis nigrescens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.

N.-E. Bengal.
Allied to *M. gigas*.

Genus **Eligma.**

559. ELIGMA NARCISSUS.

Phalæna narcissus, Cramer, Pap. Exot. i, pl. 73, figs. E, F, (1775).
Eligma narcissus, Moore, Proc. Zool. Soc. Lond. 1878, p. 7.

Collection Swinhoe, Madras.
Also recorded from Penang, China, and Java.

Genus **Tripura.**

560. TRIPURA PRASENA.

Tripura prasena, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7*a*, fig. 6, (1859).
——————— Proc. Zool. Soc. Lond. 1878, p. 8.

I. M., Naga Hills.
Also recorded from the Himalayas.

Genus **Sidyma.**

561. SIDYMA ALBIFINIS.

Sidyma albifinis, Walker, Cat. Lep. Het. B. M. vii, p. 1686, (1856).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 360.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 9.

Collection Swinhoe, Simla.
Also recorded from Mussooree.

662. SIDYMA APICALIS.

Sidyma apicalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 9, pl. 1, fig. 11.
——————— Descr. Ind. Lep. Atk. i, p. 22, (1879).

Darjiling.

Genus **Vamuna.**

563. VAMUNA BIPARS.

Vamuna bipars, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 11.
——————— Descr. Ind. Lep. Atk. i, p. 23, (1879).

Darjiling.

564. VAMUNA MACULATA.

Vamuna maculata, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 5.
——————— Descr. Ind. Lep. Atk. 1, p. 23, (1879).

Darjiling.

565. VAMUNA REMELANA.

Lithosia remelana, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
Crambomorpha, remelana, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
Vamuna remelana, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.
Collection Swinhoe, North Khasi Hills, Sikkim.

Genus **Crambomorpha.**

566. CRAMBOMORPHA BINOTATUM.

Camptoloma binotatum, Butler, Ann. Mag. N. H. (5), vii, p. 35, (1881).

Assam.

Genus **Paraona.**

567. PARAONA SPLENDENS.

Crambomorpha splendens, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
Paraona splendens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8, pl. 1, fig. 1.

Bombay.

Genus **Chrysæglia.**

568. CHRYSÆGLIA FERRIFASCIATA.

Chrysæglia ferrifasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1, fig. 6.

I. M., Naga Hills, Sibsagar, Sikkim (Barnes).
Collection Swinhoe, Sikkim.
Also recorded from Nepal.

569. CHRYSÆGLIA MAGNIFICA.

Lithosia magnifica, Walker, Journ. Linn. Soc. Lond. vi, p. 103.
Chrysæglia magnifica, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 13.

I. M., Cherra.
Collection Swinhoe, Simla.
Also recorded from Borneo.

Genus **Œnistis.**

570. ŒNISTIS ENTELLA.

Phalæna entella, Cramer, Pap. Exot. iii, pl. 208, fig. D, (1779).
Œonistis entelleola, Hübn. Verz Bek. Schmett., p. 165, (1816).
Lithosia entella, Walker, Cat. Lep. Het. B. M. ii, p. 495, (1854).
Crambomorpha entella, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Œnistis entella, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, and p. 847.
———— Lep. Ceyl. ii, p. 55, pl. 101, fig. 2, (1882).

Collection Swinhoe, Bombay, Khandalla, Ceylon.

Also recorded from Tenasserim and Sarawak.

Genus **Mahavira.**

571. MAHAVIRA FLAVICOLLIS.

Mahavira flavicollis, Moore, Proc. Zool. Soc. Lond. 1878, p. 11, pl. 1, fig. 3.
——————— Descr. Ind. Lep. Atk. i, p. 24, (1879).

Darjiling.

Genus **Korawa.**

572. KORAWA PALLIDA.

Korawa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 12.
——————— Descr. Ind. Lep. Atk. 1, p. 25, (1879.)

Darjiling.

Genus **Hesudra.**

573. HESUDRA DIVISA.

Hesudra divisa, Moore, Proc. Zool. Soc. Lond. 1878, p. 12, pl. 1, fig. 4.
——————— Descr. Ind. Lep. Atk. 1, p. 26, (1879).

Darjiling.

Genus **Ghoria.**

574. GHORIA ALBOCINEREA.

Ghoria albocinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1. fig. 10.
——————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

575. GHORIA SERICEIPENNIS.

Ghoria sericeipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 13.
——————— Descr. Ind. Lep, Atk. 1, p. 27, (1879).

Collection Swinhoe, Sikkim.

Genus **Tarika.**

576. TARIKA NIVEA.

Lithosia nivea, Walker, M.S.
Tarika nivea, Moore, Proc. Zool. Soc. Lond. (1878), p. 15.
——————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

577. TARIKA VARANA.

Lithosia varana, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 353.
Tarika varana, Moore, *loc. cit.* 1878, p. 15, pl. 1, fig. 8.

Darjiling.

Genus **Collita.**

578. COLLITA LILACINA.

Collita lilacina, Moore, Proc. Zool. Soc. Lond. 1878, p. 16.

Yunan.

579. COLLITA PARVA.

Collita parva, Moore, Proc. Zool. Soc. Lond. 1878, p. 16, pl. 1, fig. 13.

Darjiling.

Genus **Katha**.

580. KATHA BREVIPENNIS.

Lithosia brevipennis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 351.
Katha brevipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.
——————— Lep. Ceyl. ii, p. 56, pl. 101, fig. 4, (1882).

S. India, Ceylon.

581. KATHA CUCULLATA.

Katha cucullata, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.

Andaman Is.

582. KATHA INTERMIXTA.

Lithosia (*Macrobrochis*) *intermixta*, Walker, Cat. Lep. Het. B. M. xxxi p. 229, (1864).
Lithosia intermixta, Butler, Trans. Ent. Soc Lond. 1877, p. 351.
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
Katha intermixta, Moore, *loc. cit.* 1878, p. 17.

S. India, Andaman Is.

583. KATHA NIGRIFRONS.

Lithosia nigrifrons, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Katha nigrifrons, Moore, *loc. cit.* 1878, p. 17, pl. 1, fig. 15.

N. India.

584. KATHA TERMINALIS.

Katha terminalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17, pl. 1, fig. 14.
——————— Descr. Ind. Lep. Atk. i, p. 28, (1879).

Darjiling.

Genus **Manulea**.

585. MANULEA CALAMARIA.

Manulea calamaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.

N.-W. Himalayas.

Genus **Systropha**.

586. SYSTROPHA AURIFLUA.

Systropha auriflua, Moore, Proc. Zool. Soc. Lond. 1878, p. 18, pl. 2. fig. 7.

Manpuri, N.-W. India.

587. SYSTROPHA DORSALIS.

Systropha dorsalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.
——— Descr. Ind. Lep. Atk. i, p. 28, (1879).

Darjiling.

Genus **Capissa**.

588. CAPISSA AURIFLAVA.

Capissa auriflava, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

Nepal.
Allied to *C. vagesa*.

589. CAPISSA FASCIATA.

Capissa fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 4.
——— Lep. Ceyl. ii, p. 57, pl. 102, fig. 2, (1882).

Ceylon.

590. CAPISSA FLAVENS.

Capissa flavens, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Kashmir.

591. CAPISSA INNOTATA.

Lithosia innotata, Walker, M.S.
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 352.
Capissa innotata, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 2.

Nepal, N.-W. Himalayas.

592. CAPISSA NIGRIPARS.

Lithosia nigripars, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).
Capissa nigripars, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

N. India.

593. CAPISSA PALLENS.

Capissa pallens, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 3.
——— Descr. Ind. Lep. Atk. i, p. 28, (1879).

Darjiling.

594. CAPISSA VAGESA.

Lithosia vagesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 304, (1859).
——— Proc. Zool. Soc. Lond. 1867, p. 677.
Macrobrochis (*Lithosia*) *vagesa*, Walker, Cat. Lep. Het B. M. xxxi, p. 226, (1864).
Capissa vagesa, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Kulu.
Also recorded from the Khasi Hills.

Genus **Dolgoma.**

595. DOLGOMA ANGULIFERA.

Lithosia angulifera, Felder, Reise Novara Lep., pl. 106, fig. 12, (1864-75).
Dolgoma angulifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Darjiling.

596. DOLGOMA BRUNNEA.

Dolgoma brunnea, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 8.
——————— Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

597. DOLGOMA OBLITTERANS.

Lithosia oblitterans, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285, (1868).
Dolgoma oblitterans, Moore, Lep. Ceyl. ii, p. 57, (1882).

Ceylon.

598. DOLGOMA RETICULATA.

Lithosia reticulata, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 354.
Dolgoma reticulata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Collection Swinhoe, Sikkim.

Genus **Mithuna.**

599. MITHUNA QUADRIPLAGA.

Mithuna quadriplaga, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 9.
——————— Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

Genus **Cossa.**

600. COSSA BASIGERA.

Cossa basigera, Walker, Cat. Lep. Het. B. M. xxxi, p. 233, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 349.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 21.

S. India.

601. COSSA BRUNNEA.

Cossa brunnea, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 11.
——————— Descr. Ind. Lep. Atk. i, p. 30, (1879).

Darjiling.

602. COSSA INDUCTA.

Lithosia (*Macrobrochis*) *inducta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 232, (1864).
Cossa inducta, Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

S. India.

603. Cossa nubecula.

Cossa nubecula, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

Andaman Is.

604. Cossa quadrisignata.

Cossa quadrisignata, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 10.
——————— Descr. Ind. Lep. Atk. 1, p. 30, (1879).

Darjiling.

605. Cossa pallida.

Cossa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 21.

Dharmsala.

Genus **Ranghana.**

606. Ranghana punctata.

Ranghana punctata, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 12.
——————— Descr. Ind. Lep. Atk. i, p. 30 (1879).

Calcutta.

Genus **Tegulata.**

607. Tegulata basistriga.

Tegulata basistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 5.
——————— Descr. Ind. Lep. Atk. i, p. 31, (1879).
——————— Lep. Ceyl. ii, p. 58, pl. 102, fig. 3, (1882).

Ceylon.

608. Tegulata protuberans.

Tegulata protuberans, Moore, Proc. Zool. Soc. Lond. 1878, p. 23, pl. 2, fig. 6.
——————— Descr. Ind. Lep. Atk. i, p. 31, (1879).

Darjiling.

Genus **Nishada.**

609. Nishada flabrifera.

Nishada flabrifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 23.
——————— Descr. Ind. Lep. Atk. i, p. 32, (1879).

Calcutta.

Genus **Teulisna.**

610. Teulisna sordida.

Teulisna sordida, Butler, Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86, fig. 15, (1881).

Darjiling.

611. Teulisna tenuisigna.

Teulisna tenuisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 24, pl. 2, fig. 13.

Sikkim.

612. TEULISNA TETRAGONA.

Lithosia tetragona, Walker, Cat. Lep. Het. B. M. 2, p. 510, (1854).
Teulisna tetragona, Butler, Trans. Ent. Soc. Lond. 1877, p. 355.
——————— Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86, fig 14, (1881).

Sylhet.

Genus **Gandhara.**

613. GANDHARA SERVA.

Lithosia serva, Walker, Cat. Lep. Het. B. M. ii, p. 506, (1854).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 350.
Gandhara serva, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 7.

I. M., Kulu (purchased).
Also recorded from Darjiling and Nepal.

Genus **Simareea.**

614. SIMAREEA BASINOTA.

Lithosia basinota, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
Œnistis basinota, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
Simareea basinota, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, pl. 1, fig. 16.

Collection Swinhoe, Darjiling.

Genus **Ghuringa.**

615. CHURINGA BEEMA.

Lithosia beema, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
Crambomorpha beema, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
Churinga beema, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

616. CHURINGA RUFIFRONS.

Churinga rufifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 1
——————— Descr. Ind. Lep. Atk. i, p. 25, (1879).

Darjiling.

Genus **Lithosia.**

617. LITHOSIA COLON.

Lithosia colon, Moschler, Stett. Ent. Zeit. 1872, p. 353.

Sylhet.

618. LITHOSIA CONFORMIS.

Lithosia conformis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).
——————— Butler, Trans. Ent. Soc. Lond, 1877, p. 352.

N. India.

619. LITHOSIA DISJUNCTA.

Lithosia disjuncta, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.
——————Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
Darjiling.

Genus **Zadadra.**

620. ZADADRA DISTORTA.

Lithosia distorta, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Zadadra distorta, Moore, *loc. cit.* 1878, p. 25, pl. 2, fig. 15.
Darjiling.

Genus **Prabhasa.**

621. PRABHASA FLAVICOSTA.

Prabhasa flavicosta, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 17.
—————— Descr. Ind. Lep. Atk. i, p. 33, (1879).
Cherrapunji.

622. PRABHASA VENOSA.

Prabhasa venosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 16.
——————Descr. Ind. Lep. Atk. i, p. 32, (1879).
Collection Swinhoe, Darjiling.

Genus **Gampola.**

623. GAMPOLA FASCIATA.

Gampola fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 2, fig. 18.
——————Lep. Ceyl. ii, p. 58, pl. 102, figs. 4, 4*a*, (1882).
Collection Swinhoe, Ceylon.

Genus **Brunia.**

624. BRUNIA ANTICA.

Lithosia antica, Walker, Cat. Lep. Het. B. M. ii, p. 505, (1854).
—————— Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
—————— Butler, Trans. Ent. Soc. Lond. 1877, p. 349.
Brunia antica, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 9.
—————— Lep. Ceyl. ii, p. 56, pl. 101, fig. 3, (1882).
Collection Swinhoe, Ceylon.
Also recorded from the Andaman Is.

625. BRUNIA CHOTA.

Brunia chota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 11,
Collection Swinhoe, Poona.

Genus **Chrysorabdia.**

626. CHRYSORABDIA BIVITTA.

Lithosia bivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1682, (1856).
India.

627. CHRYSORABDIA STRIGATA.

Gnophria (*Œnistis*) *strigata*, Möschler, Stett. Ent. Zeit. 1872, p. 353.
Chrysorabdia strigata, Butler, Trans. Ent. Soc. Lond. 1877, p. 358.

I. M., Sikkim.
Also recorded from Sylhet.

628. CHRYSORABDIA VIRIDATA.

Lithosia (*Macrobrochis*) *viridata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 225, (1864); and xxxv, p. 1882,(1866).
Chrysorabdia viridata, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 1.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Atolmis.**

629. ATOLMIS QUADRIMACULATA.

Gnophria quadrimaculata, Möschler, Stett. Ent. Zeit. 1872, p. 352.

Sylhet.

Genus **Hypoprepia.**

630. HYPOPREPIA (?) HÆMATOPUS.

Hypoprepia (*?*) *hæmatopus*, Felder, Reise Novara, Lep, pl. 193, figs. 54, 55, (1864-75).

Assam.

Genus **Grotea.**

631. GROTEA ELEGANS.

Grotea elegans, Moore, Proc. Zool. Soc. Lond. 1865, p. 797, pl. 43, fig. 1.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1888, (1866).

Darjiling.

Genus **Miltochrista.**

632. MILTOCHRISTA STRAMINEA.

Miltochrista straminea, Walker, Cat. Lep. Het. B. M. vii, p. 1685, (1856).

India.

633. MILTOCHRISTA TESSELLATA.

Miltochrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12.

Darjiling.

Genus **Cydosia.**

634. CYDOSIA PUNCTELLA.

Tinea punctella, Cramer, Pap. Exot. iv, pl. 372, fig. L, (1781).
Crameria subtilis, Hubn., Verz. Bek. Schmett, p. 168, (1816).
Cydosia punctella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1894, (1866).

Himalayas, Brazil.

Genus **Charilina.**

635. CHARILINA INO.

Phalæna ino, Drury. Exot. Ins. iii, p. 39, pl. 29, fig. 3, (1782).
Lithosia ino, Westw., Ed. Drury, iii, p. 40, pl. 29, fig. 3, (1837).
Charilina ino, Walker, Cat. Lep. Het. B. M. ii, p. 561, (1854).

Madras.

Genus **Sesapa.**

636. SESAPA ANDAMANA.

Sesapa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 345.
I. M., Andaman Is. (purchased).
Collection Swinhoe, Andamans.

637. SESAPA DECURRENS.

Sesapa decurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).
I. M., a doubtful specimen with no history.
Recorded from Darjiling.
Allied to *S. excurrens*.

638. SESAPA EXCURRENS.

Sesapa excurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 344.
Collection Swinhoe, Khasi Hills, Sikkim.
Also recorded from Cherrapunji.

639. SESAPA UNDULOSA.

Cyllene undulosa, Walker, Cat. Lep. Het. B. M. ii, p. 545, (1854).
Lyclene undulosa, Walker, *loc. cit.* xxxi, p. 246, (1864).
Sesapa undulosa, Butler, Trans. Ent. Soc. Lond. 1877, p. 344.
Moulmein.

Genus **Rœselia.**

640. RŒSELIA PASCUA.

Rœselia pascua, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 6.
Collection Swinhoe, Bombay, Poona.

Genus **Padenia.**

641. PADENIA TRANSVERSA.

Cyllene transversa, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).
Lyclene transversa, Walker, *loc. cit.* xxxi, p. 246, (1864).
Lithosia bifasciata, Felder, Reise Novara Lep., pl. 106, fig. 11, (1864-75).
Pallene transversa, Butler, Trans. Ent. Soc. Lond. 1877, p. 333.
Padenia transversa, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. 1, (1882).
I. M., Andaman Is. (purchased).
Collection Swinhoe, Ceylon, Andaman Is.

Genus **Nepita.**

642. NEPITA ÆGROTA.

Nepita ægrota, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
India.

643. NEPITA ANILA.

Nepita anila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 302, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 240, (1864).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 335.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Pitane lydia, var. Walker (*nec* Donovan), Cat. Lep. Het. B. M. ii, p. 532, (1854).

Collection Swinhoe, Belgaum, Poona, Bombay.
Also recorded from Bengal.

644. NEPITA CONFERTA.

Pitane conferta, Walker, Cat. Lep. Het. B. M. ii, p. 533, (1854).
Nepita conferta, Walker, *loc. cit.* xxxi, p. 240, (1864).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
———— Moore, Lep. Ceyl. ii, p. 66, pl. 104, figs. 7, 7*a*, 7*b*, 7*c*, 7*d*, (1882).
Nepita signata, Walker, *loc. cit.* xxxi, p. 240, (1864).

I. M., Poona (Murray).
Collection Swinhoe, Ceylon.

645. NEPITA FRIGIDA.

Doliche frigida, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).
Nepita frigida, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Moulmein, Sarawak.

646. NEPITA HILARIS.

Doliche hilaris, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).
Nepita hilaris, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
Adites hilaris, Moore, Lep. Ceyl. ii, p. 61, pl. 104, fig. 6, (1882).

Collection Swinhoe, Ceylon.

647. NEPITA LIMBATA.

Nepita limbata, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

N. India.

648. NEPITA OCHRACEA.

Nepita ochracea, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

S. India.

649. NEPITA SEMIFASCIA.

Setina semifascia, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).
Nepita semifascia, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Lyclene semifascia, Moore, Lep. Ceyl. ii, p. 63, pl. 103, fig. 7, (1882).

Collection Swinhoe, Bombay, Khandalla.
Also recorded from Ceylon.

Genus **Setina.**

650. SETINA DHARMA.

Setina dharma, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.

651. SETINA DISCISIGNA.

Setina discisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.
——————— Descr. Ind. Lep. Atk. i, p. 37, (1879).

Cherra.

652. SETINA NEBULOSA.

Setina nebulosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.
——————— Descr. Ind. Lep. Atk. i, p. 37, (1879).

Darjiling.

653. SETINA PUNCTILINEA.

Setina punctilinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.
——————— Lep. Ceyl. ii, p. 64, pl. 103, fig. 9, (1882).

Ceylon.

Genus **Doliche.**

654. DOLICHE GELIDA.

Doliche gelida, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
——————— Ill. Typ. Lep. Het. B. M. v, p. 36, pl. 86, fig. 6, (1881).

I. M., Sikkim (deNiceville).
Also recorded from Sylhet.

Genus **Cyana.**

655. CYANA DETRITA.

Cyana detrita, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
——————— Ill. Typ. Lep. Het. B. M. v, p. 37, pl. 86, fig. 9, (1881).

I. M., Sikkim, Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Sylhet.

Genus **Bizone.**

656. BIZONE ALBOROSEA.

Lithosia (*Macrobrochis*) *alborosea*, Walker, Cat. Lep. Het. B. M. xxxi, p. 230, (1864).
Bizone alborosea, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

N. India.

657. BIZONE AMABILIS.

Bizone amabilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 597, pl. 59, fig. 2.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Andaman Is.

658. BIZONE ARAMA.

Bizone arama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7*a*, fig. 10, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Cherra.
Also recorded from Darjiling.

659. BIZONE BELLISSIMA.

Bizone bellissima, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 3, fig. 13.

Mussooree.

660. BIZONE BIANCA.

Bizone bianca, Walker, Cat. Lep. Het. vii, p. 1684, (1856).
———— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Andaman Is. (purchased), Sikkim.

661. BIZONE COCCINEA.

Bizone coccinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 14.

I. M., Sikkim (purchased).

662. BIZONE DIVAKARA.

Barsine divakara, Moore, Proc. Zool. Soc. Lond. 1865, p. 798, pl. 43, fig. 9.
Bizone divakara, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Collection Swinhoe, Darjiling.

663. BIZONE EFFRACTA.

Barsine effracta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854).
Bizone effracta, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Nepal.

664. BIZONE FASCICULATA.

Bizone fasciculata, Walker, Cat. Lep. Het. vii, p. 1684, (1856).
Bizone adita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7*a*, fig. 11, (1859).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

I. M., Kulu (purchased), N. Khasi, Sikkim.
Collection Swinhoe, Darjiling.
Allied to *B. signa*.

665. BIZONE GAZELLA.

Bizone gazella, Moore, Proc. Zool. Soc. Lond. 1872, p. 572, pl. 33, fig. 4.

I. M., Sikkim (purchased).
Collection Swinhoe, Dharmsala.
Also recorded from Mussooree.

666. BIZONE GUTTIFERA.

Bizone guttifera, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

I. M., Andaman Is., var. (purchased).
Collection Swinhoe, Darjiling, Matheran, Khandalla.
Also recorded from Landaur.

667. Bizone pallens.

Bizone pallens, Butler, Trans. Ent. Soc. Lond. 1877, p. 338.
———— Ill. Typ. Lep. Het. v, p. 36, pl. 86, fig. 7, (1881).

I. M., Sikkim.
Also recorded from Moulmein and Sylhet.

668. Bizone peregrina.

Bizone peregrina, Walker, Cat. Lep. Het. B. M. ii, p. 551, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Ceylon, S. India, Sylhet, Nepal, and Hongkong.

669. Bizone perornata.

Bizone perornata, Walker, Cat. Lep. Het. B. M. ii, p. 548, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
———— Ill. Typ. Lep. Het. v, p. 37, pl. 86, fig. 8, (1881).

I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet, Sarawak, and Java.

670. Bizone puella.

Phalæna puella, Drury, Ins. Exot. ii, p. 3, pl. 2, fig. 2, (1773).
Deiopeia puella, Westw., Ed. Drury, ii, p. 3, pl. 2, fig. 2, (1837).*
Bizone puella, Walker, Cat. Lep. Het. B. M. ii, p. 549, (1854).
————Moore, Cat. Lep. Mus. E.I.C. ii, p. 305, pl. 13, figs. 13, 13*a*, (1859).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 338.
————Snellen, Tijd. Ent. xx, p. 7, (1877).
————Moore, Lep. Ceyl. ii, p. 60, pl. 103, figs. 3, 3*a*, (1882).
————Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 293.

I. M., Ceylon.
Collection Swinhoe, Ceylon, Bombay, Mahableshwar.
Also recorded from Nepal and Java.

671. Bizone quadrinotata.

Bizone quadrinotata, Walker, Char. Undescr. Lep. Het., p. 90, (1869).

Benares.

672. Bizone signa.

Bizone signa, Walker, Cat. Lep. B. M. ii, p. 550, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Sylhet.

673. Bizone subornata.

Bizone subornata, Walker, Cat. Lep. Het. B. M. ii, p. 550, (1854).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
————Moore, Lep. Ceyl. ii, p. 60, pl. 103, fig. 4, (1882).

Collection Swinhoe, North Canara.
Also recorded from Ceylon.

674. BIZONE TRIGUTTATA.

Bizone triguttata, Walker, Char. Undescr. Lep. Het., p. 89, (1869).
Benares.

Genus **Lyclene.**

675. LYCLENE ARCUATA.

Lyclene arcuata, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 5, (1882).
Ceylon.

676. LYCLENE ARTOCARPI.

Lyclene artocarpi, Moore, Proc. Zool. Soc. Lond. 1878, p. 30.
——————— Descr. Ind. Lep. Atk. i, p. 33, (1879).
Darjiling.
Allied to *L. humilis*.

677. LYCLENE ASSAMICA.

Lyclene assamica, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 8.
——————— Descr. Ind. Lep. Atk. i, p. 34, (1879).
Dibrugarh, Assam.

678. LYCLENE CONGERENS.

Cymella congerens, Felder, Reise Novara Lep iv, pl. 106, fig. 14, (1864-75).
Lyclene congerens, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
N. India.

679. LYCLENE DELICATA.

Lyclene delicata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31.
Darjiling.
Allied to *L. radians*.

680. LYCLENE DISCISTRIGA.

Lyclene discistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 3 .
Darjiling.

681. LYCLENE HUMILIS.

Cyllene humilis, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).
Lyclene humilis, Walker, *loc. cit.* xxxi, p. 246, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Moulmein.

682. LYCLENE ILA.

Lyclene ila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 300, (1859).
——————— Lep. Ceyl. ii, p. 63, pl. 103, fig. 6, (1882).
Ceylon, Canara.

683. Lyclene inconspicua.

Lyclene inconspicua, Moore, Proc. Zool. Soc. Lond. 1878, p. 32.

N. India.

684. Lyclene indistincta.

Lyclene indistincta, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 9.
——————— Descr. Ind. Lep. Atk. i, p. 34, (1879).

Darjiling.

685. Lyclene interserta.

Lyclene interserta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 6.
——————— Descr. Ind. Lep. Atk. 1, p. 34, (1879).

Darjiling.

686. Lyclene nubifascia.

Barsine nubifascia, Walker, Cat. Lep. Het. B. M. xxxi, p. 251, (1864).
Barsine punctifascia, Walker, Char. Undescr. Lep. Het., p. 9, (1869).
Lyclene nubifascia, Butler, Trans. Ent. Soc. Lond. 1887, p. 340.
Miltochrista nubifascia, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86. fig. 11, (1881).

Collection Swinhoe, Sikkim.

687. Lyclene obsoleta.

Lyclene obsoleta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 7.
——————— Descr. Ind. Lep. Atk. i, p. 33, (1879).

I. M., Sibsagar (Peal).
Also recorded from Darjiling.

688. Lyclene palmata.

Lyclene palmata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 5.

I. M., Sibsagar (Peal).

689. Lyclene prominens.

Lyclene prominens, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 3.

Cherra, Khasi Hills.

690. Lyclene radians.

Lyclene radians, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 2.
——————— Descr. Ind. Lep. Akt. i, p. 34, (1879).

Darjiling.

691. Lyclene spilosomoides.

Lyclene spilosomoides, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.

N.-W. India.

692. LYCLENE TERMINATA.

Lyclene terminata, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.
Khasi Hills.

693. LYCLENE ZEBRINA.

Lyclene zebrina, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 4.
Calcutta.

Genus **Barsine**.

694. BARSINE COCCINEA.

Barsine coccinea, Moore, Journ. As. Soc. Beng. lv, (2) 1, p. 98, (1886).
I. M., Tavoy (Moti Ram) Type.

695. BARSINE CONJUNCTANA.

Conchylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866).
Miltochrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12, (1881).
Barsine conjunctana, Moore, Journ. As. Soc. Beng. liii (2), 3, 1884, p. 235.
I. M.; a diminutive specimen from Cachar (Wood-Mason).
Also recorded from Darjiling.

696. BARSINE DEFECTA.

Barsine defecta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854), also, xxxi, p. 248, (1884).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Ammatho cuneonotatus, Walker, Cat. Lep. Het. B. M. iii, p. 759, (1855).
Barsine cuneonotatus, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 10, (1882).
I. M., Goalpara.
Collection Swinhoe, Sikkim.
Also recorded from Nepal and Ceylon.

697. BARSINE FLAMMEALIS.

Barsine flammealis, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 15.
I. M., Sikkim.
Collection Swinhoe, Darjiling, Dharmsala.
Allied to *B. mactans*.

698. BARSINE FLAVIVENOSA.

Barsine flavivenosa, Moore, Proc. Zool. Soc. Lond, 1878, p. 30, pl. 3, fig, 18.
———— Descr. Ind. Lep. Atk. i, p. 36, (1879).
Darjiling.

699. BARSINE GLORIOSA.

Barsine gloriosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 29, pl. 3, fig. 16,
———— Descr. Ind. Lep. Atk. i, p. 35, (1879).
Khasi Hills.

700. Barsine gratiosa.

Euchelia gratiosa, Guer., Voy. Deless. Hist. Nat., p. 90. pl. 26, fig. 1, ().
Deiopeia gratiosa, Walker, Cat. Lep. Het. B. M. ii, p. 573, (1854).

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (purchased).
Also recorded from the Nilgiri Hills.

701. Barsine inflexa.

Barsine inflexa, Moore, Proc. Zool. Soc. Lond, 1878, p. 29, pl. 3, fig. 17.
——————— Descr. Ind. Lep. Atk. 1, p. 35, (1879).

Darjiling.

702. Barsine linga.

Barsine linga, Moore, Cat. Lep. Mus. E. I. C. ii, p. 301, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 249, (1864).

I. M., Sikkim (Asiatic Soc. Bengal).
Collection Swinhoe, Simla, Sikkim.

703. Barsine mactans.

Barsine mactans, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Miltochrista mactans, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 13, (1881).

Collection Swinhoe, Darjiling.

704. Barsine pretiosa.

Barsine pretiosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.
Allied to *B. gratiosa*.

705. Barsine punicea.

Barsine punicea, Moore, Proc. Zool. Soc. Lond., 1878, p. 29.
——————— Descr. Ind. Lep. Atk. i, p. 36, (1879).

Darjiling.

706. Barsine rubricosa.

Lyclene rubricosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 1.
Barsine rubricosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Collection Swinhoe, Bombay, Khandalla.

707. Barsine suffundens.

Barsine suffundens, Walker, Cat Lep. Het. B. M. xxxi, p. 250, (1864).

S. India.

708. Barsine tripartita.

Barsine tripartita, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864).

India.

709. BARSINE TRIVITTATA.

Barsine trivittata, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
——————Butler, Trans. Ent. Soc. Lond. 1877, p. 341.

1. M., Andaman Is. (purchased).
Collection Swinhoe, Andamans.

Genus Æmene.

710. ÆMENE GUTTULOSANA.

Tospitis guttulosana, Walker, Cat. Lep. Het. B. M. xxviii, p. 429, (1863).
Æmene guttulosana, Butler, Trans. Ent. Soc. Lond. 1877, p. 373.
—————— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 3, (1882).

I. M., a specimen with no history.
Collection Swinhoe, N. India.
Also recorded from S. India and Ceylon.

711. ÆMENE MACULIFASCIA.

Æmene maculifascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 10.
—————— Descr. Ind. Lep. Atk. i, p. 36, (1872).

Darjiling.

712. ÆMENE SINUATA.

Æmene sinuata, Moore, Proc. Zool. Soc. Lond. 1878, p. 34, pl. 3, fig. 11.
——————Descr. Ind. Lep. Atk. i, p. 36, (1879).

Cherrapunji.

713. ÆMENE SORDIDA.

Æmene sordida, Butler, Trans. Ent. Soc. Lond. 1877, p. 372.
—————— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 4, (1882).

S. India, Ceylon.

714. ÆMENE SUBCINEREA.

Æmene subcinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.

Collection Swinhoe, Simla.
Allied to *Æ. taprobanis*.

715. ÆMENE TAPROBANIS.

Æmene taprobanis, Walker, Cat. Lep. Het. B. M. ii, p. 542, (1854); and vii, p. 1683, (1856).
—————— Butler, Trans. Ent. Soc. Lond. 1877, p. 372.
—————— Moore, Lep. Ceyl. ii, p. 64, pl. 104, fig. 2, (1882).
—————— Swinhoe, Proc. Zool. Soc. Lond. (1885), p. 293.
Panassa cingalesa, Walker, Cat. Lep. Het. B. M. xxxii, p. 607, (1865).
Autoceras grammophora, Felder, Reise Nov. Lep., pl. 106, fig. 24, (1864-75).

Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

716. Æmene tenebrosa.

Æmene tenebrosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
——— *loc. cit.* 1886, p. 437.

Collection Swinhoe, Mhow, Poona.
Also recorded from Bombay.
Allied to *A. sordida*.

Genus **Setinochroa.**

717. Setinochroa aurantiaca.

Setinochroa aurantiaca, Moore, Proc. Zool. Soc. Lond. 1878, p. 35, pl. 3, fig. 12.

Khasi Hills.
Allied to *S. infumata*.

718. Setinochroa infumata.

Setinochroa infumata, Felder, Reise Novara, pl. 106, fig. 16, (1864-75).

Himalayas.

719. Setinochroa pallida.

Setinochroa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Collection Swinhoe, Simla.
Also recorded from Manpuri.

720. Setinochroa postica.

Setinochroa postica, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Dharmsala.

Genus **Paidia.**

721. Paidia marginata.

Nudaria marginata, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).
Paidia marginata, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

S. India.

Genus **Nudaria.**

722. Nudaria fasciata.

Nudaria fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Darjiling.
Allied to *N. margaritacea*.

723. Nudaria floccosa.

Nudaria floccosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 370.

S. India.

724. Nudaria margaritacea.

Nudaria margaritacea, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).
——— Butler, Trans. Ent. Soc. Lond. 1878, p. 370.

Collection Swinhoe, Sikkim.

725. NUDARIA MARGARITARIA.

Nudaria margaritaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Sikkim.

726. NUDARIA SOLITA.

Setina solita, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).
——————— Moore, Lep. Ceyl. ii, p. 64, pl. 103, fig. 8, (1882).
Nudaria solita, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

Ceylon.

727. NUDARIA SUBCERVINA.

Nudaria subcervina, Walker, Cat. Lep. Het. xxxi, p. 274, (1864).
——————— Moore, Proc. Zool. Soc. Lond, 1867, p. 678.

India.

Genus **Nola.**

728. NOLA CINGALESA.

Nola cingalesa, Moore, Lep. Ceyl. ii, p. 66, pl. 104, fig. 1, (1882).

Ceylon.

Genus **Castabala.**

729. CASTABALA ROSEATA.

Castabala roseata, Walker, Cat. Lep. Het. B. M. xxxi, p. 271, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
———————Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 1, (1881).

Darjiling, Barrackpur.

Genus **Callimorpha.**

730. CALLIMORPHA VENUS.

Callimorpha venus, Prittwitz, Stett. Ent. Zeit. 1867, p. 274; and 1868, p. 185.

Himalayas.

Genus **Chionæma.**

731. CHIONÆMA CANDIDA.

Chionæma candida, Felder, Reise Novara, pl. 106, fig. 17, (1864-75).

I. M., Kulu.
Also recorded from the Himalayas.

Genus **Adrepsa.**

732. ADREPSA STILBIOIDES.

Adrepsa stilbioides, Moore, Descr. Ind. Lep. Atk. i, p. 38, pl. 2, fig. 20, (1879).

Assam.

Genus **Pentacitrotus.**

733. PENTACITROTUS VULNERATUS.

Pentacitrotus vulneratus, Butler, Ill. Typ. Lep. Het. B. M. v, p. 35, pl. 86, fig. 5, (1881).

Darjiling.

Genus **Clina.**

734. CLINA LAPIDARIA.

Clina lapidaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 257, (1864).
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 359.

S. India.

Genus **Garudinia.**

736. GARUDINIA LATANA.

Tospitis latana, Walker, Cat. Lep. Het. B. M. xxviii, p. 427, (1863).
Garudinia latana, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. (1882).

I. M., Ceylon (Colombo Museum).

Genus **Deiopeia.**

737. DEIOPEIA CRUENTATA.

Deiopeia cruentata, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86, fig. 10, (1881).

N. India, Mauritius.

738. DEIOPEIA LOTRIX.

Phalæna lotrix, Cramer, Pap. Exot. ii, pl. 109, fig. E, (1777).
Deiopeia lotrix, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.
——— *loc. cit.* 1886, p. 436.

I. M., Nicobar Is. (deNiceville).
Collection Swinhoe, Sind, Mhow, Poona, Nicobars, Aden.

739. DEIOPEIA PULCHELLA.

Tinea pulchella, Linn., Syst. Nat. 1, 2, 884, 349, (1767).
Noctua pulchra, Esper, Schmett. iv, 570, pl. 164, figs. 3-5, (1777).*
Bombyx pulchella, Fabr., Sp. Ins. ii, 203, 142, (1781).
Bombyx pulchra, Hübn., Bomb. 128, 1, pl. 26, fig. 113.*
Utetheisa pulchella, Hübn., Verz. Bek. Schmett. 168, 1733, (1816).
——— Moore, Lep. Ceyl. ii, p. 67, pl 104, fig. 5, (1882).
Deiopeia pulchella, Walker, Cat. Lep. Het. B. M. ii, p. 566, (1854).
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
——— Thugwell, Ent. xi, p. 186, (1878).
——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., N. Khasi Hills (purchased), Sibsagar (Peal), Calcutta, Sikkim (Barnes), Mussooree, Kulu (purchased), Madras (purchased), Darbhanga, Chitral (Giles), Persia.
Collection Swinhoe, Nicobars, Punjab, Sikkim, Kulu, Andamans, Ceylon, Mhow, Karachi, Bombay.
Also recorded from Europe, Africa, Australia and the E. Indian Islands.

740. DEIOPEIA THYTER.

Deiopeia thyter, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
———— Proc. Zool. Soc. Lond. 1881, p. 614.
———— Swinhoe, Pros. Zool. Soc. Lond. 1884, p. 515.
———— Trans. Ent. Soc. Lond. 1885, p. 347.
———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Collection Swinhoe, Kandahar, Quetta, Karachi.
Also recorded from Burma and Turkey.

Genus **Argina.**

741. ARGINA ARGUS.

Euprepia argus, Kollar, Kaschmir, Von. Hügel, iv, p. 467, pl. 21, fig. 3, (1848).
Deiopeia argus, Walker, Cat. Lep. Het. B. M. ii, p. 571, (1854); and vii, p. 1686, (1856).
Argina argus, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 309, pl. 14, figs. 3, 3*a*, (1859).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
———— Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 1 *a*, *b*, *c*, (1882).

I. M., Sikkim (Barnes), Khasi Hills, Buxa (Moti Ram).
Collection Swinhoe, Simla, Darjiling, Buxa, Bhotan.
Also recorded from Nepal, Calcutta, S. India, and Ceylon.

742. ARGINA ASTREA.

Phalæna (*Noctua*) *astrea*, Drury, Ill. ii, p. 11, pl. 6, fig. 3, (1773).
Argina astrea, Moore, Lep. Mus. E. I. C. ii, p. 308, pl. 14, figs. 2, 2*a*, (1859).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
———— Swinhoe, Pros. Soc. Lond. 1886, p. 436.
Deiopeia astrea, Walker, Cat. Lep. Het. B. M. ii, p. 570, (1854).

Collection Swinhoe, Simla, Mhow, Belgaum, Bombay, Mahableshwar, Andaman Is.
Also recorded from Ceylon and Hongkong.

743. ARGINA CRIBRARIA.

Phalæna cribraria, Clerck, Icon. Ins. ii, pl. 54, fig. 4, (1759-64).*
Phalæna (*Geometra*) *cribraria*, Cramer, Pap. Exot. iii, pl. 208, fig. G, (1779).
Argina cribraria, Aurivillius, Kongl. Sv. Vet. Akad. Handl. xix, 5, p. 181, (1882).
———— Moore, Lep. Ceyl. ii, p. 68, pl. 106, figs. 1, 1*a*, (1882).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 156.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., Calcutta, Sylhet, Sikkim (purchased), Goalpara, Delhi (Thomas), Ratnagiri (Hatch), Mergui (Anderson), Andaman Is. (De Roepstorff), Ceylon (Colombo Museum), Nicobar Is. (deNiceville).
Collection Swinhoe, Andamans, Mirzapore, and Mhow.
Also recorded from China, Rodriguez, and Mauritius.

744. ARGINA DULCIS.

Deiopeia dulcis, Walker, Cat. Lep. Het. B. M. ii, p. 569, (1854).
Phalæna cribraria, *var.* ♀ Cramer, Pap. Exot. iii, pl. 288, fig. D, (1780).
Argina dulcis, Butler, Trans. Ent. Soc. Lond. 1877, p. 364.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Poona, Bombay, Satara, Belgaum.

745. ARGINA GUTTATA.

Xanthestes guttata, Rambur, Faune de l'Andalousie, ii, p. 229, (1866).*
Phalæna cribraria, ♂, Cramer (*nec* Clerck), Pap. Exot. iii, pl. 208, fig. C, (1779).
Argina guttata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay.
Also recorded from Nepal, Ceylon, and Mauritius.

746. ARGINA NOTATA.

Argina notata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.
———— Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Mhow, Bombay, Belgaum, Nilgiris.

747. ARGINA PARDALINA.

Deiopeia pardalina, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Argina pardalina, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Moulmein, Cambodia.

748. ARGINA PYLOTIS.

Bombyx pylotis, Fabr., Syst. Ent., p. 585, (1775).
Hypocrita pylotis, Hübn., Samml. Exot. Schmett. i, pl. 189, figs. 1-4.*
Argina pylotes, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Collection Swinhoe, N. India (from British Museum).
Also recorded from Ceylon.

749. ARGINA SYRINGA.

Phalæna syringa, Cramer, Pap. Exot. i, pl. v, fig. C, (1775).
Bombyx crotalariæ, Fabr., Ent. Syst. iii, i, p. 473, 204, (1793).
Argina crotalariæ, Hübn., Verz. Bek. Schmett. p. 167, 1730, (1816).
Deiopeia syringa, Walker, Cat. Lep. Het. B. M. ii, p. 572, (1854).
Argina syringa, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
———— Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 2, 2*a*, 2*b*, 2*c*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Mahableshwar, Belgaum, Ceylon.
Also recorded from Australia.

Genus **Tatargyna**.

750. TATARGYNA PICTA.

Deiopeia picta, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Tatargyna picta, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

Moulmein, S. China.

Family ARCTIIDÆ.

Genus **Arctia.**

751. Arctia orientalis.

Arctia orientalis, Moore, Ann. Mag. N. H. (5), i, p. 230, (1878).
——— 2nd Yarkand Mission Lep., p. 7, (1879).

I. M., Yarkand, Type, (2nd Mission).
Collection Swinhoe, Kashmir.
Also recorded from Allahabad.

752. Arctia parvula.

Arctia parvula, Felder, Reise Novara Lep., pl. 100, fig. 24, (1864-75).

Himalayas.

753. Arctia suttadra.

Arctia suttadra, Moore, Proc. Zool. Soc. Lond. 1879, p. 395.

Collection Swinhoe, Kulu.
Also recorded from Kashmir.

754. Arctia thibetica.

Arctia thibetica, Felder, Reise Novara Lep., pl. 101, fig. 12, (1864-75).

Ladak.

Genus **Gonerda.**

755. Gonerda perornata.

Gonerda perornata, Moore, Proc. Zool. Soc. Lond. 1879, p. 395, pl. 32, fig. 2.

Kashmir.

Genus **Spilosoma.**

756. Spilosoma fusifrons.

Spilosoma fusifrons, Walker, Cat. Lep. Het. B. M. xxxi, p. 295, (1864).

S. India.

757. Spilosoma mona.

Spilosoma mona, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295, pl. 20, figs. 3-4.

Collection Swinhoe, Mahableshwar.

758. Spilosoma punctata.

Spilosoma punctata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 355, (1859).
——— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

Sikkim, Java.

759. Spilosoma rubescens.

Spilosoma rubescens, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).
Arctia rubescens, Butler, Cist. Ent. ii, p. 21, (1875).

Borneo, E. Indies.

760. Spilosoma sanguinalis.

Spilosoma sanguinalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

I. M., Shillong.
Also recorded from Darjiling.

Genus **Phissama.**

761. Phissama albistriga.

Aloa albistriga, Walker, Cat. Lep. Het. B. M. xxxi, p. 303, (1864).
Phissama albistriga, Butler, Cist. Ent. ii, p. 36, (1875).

S. India.

762. Phissama transiens.

Spilosoma transiens, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).
Aloa isabellina, Walker, *loc. cit.*, p. 705, (1855).
Phissama transiens, Walker, *loc. cit.* xxxi, p. 298, (1864).
———— Butler, Cist. Ent. ii, p. 36, (1875).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Sibsagar (Peal), Calcutta (bred in Museum), Kulu (purchased), Sikkim (DeNiceville).
Collection Swinhoe, Belgaum, Buxar.
Also recorded from Sylhet, Moulmein, Celebes, Sarawak.

763. Phissama vacillans.

Amphissa vacillans, Walker, Cat. Lep. Het. B. M. iii, p. 685 (1855); also vii, p. 1786, (1856).
Aloa vacillans, Walker, *loc. cit.*, vii, 1702, (1856).
Phissama vacillans, Walker, *loc. cit.* xxxi, p. 298, (1864).

I. M., Kulu (purchased), Sibsagar (Peal), Calcutta (bred in the Museum).
Collection Swinhoe, Simla.
Also recorded from Hongkong and the Philippine Is.

Genus **Rhodogastria.**

764. Rhodogastria astræa.

Sphinx astreus, Drury, Ins. ii, pl. 28, fig. 4, (1773).
Phalæna melanthus, Cramer, Pap. Exot. iii, pl. 286, fig. B. (1780).
Rhodogastria melanthus, Hübn., Verz. Bek. Schmett, p. 172, (1816).
Amerila melanthus, Walker, Cat. Lep. Het. B. M. iii, p. 727, (1855).
Amerila astræa, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Rhodogastria astræa, Moore, Lep. Ceyl. ii, p. 76, pl. 108, figs. 1, 1*a*, (1882).

I. M., Cachar (Wood-Mason).
Also recorded from Ceylon.

765. Rhodogastria fraterna.

Rhodogastra (sic) *fraterna*, Moore, Trans. Ent. Soc. Lond. 1884, p. 356.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay, Poona.

766. RHODOGASTRIA RHODOPA.

Amerila rhodopa, Walker, Cat. Lep. Het. B. M. xxxi, p. 305, (1864).

I. M., Sikkim (purchased), Naga Hills.
Collection Swinhoe; India.
Also recorded from S. India.

Genus **Carcinopyga.**

767. CARCINOPYGA LICHENIGERA.

Carcinopyga lichenigera, Felder, Reise Novara Lep., pl. 101, fig. 3, (1864-75).

Ladak.

Genus **Thyrgorina.**

768. THYRGORINA MULTIVITTATA.

Spilosoma multivittata, Moore, Proc. Zool. Soc. Lond. 1865, p. 8 8.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).

Collection Swinhoe, Simla, Darjiling.

769. THYRGORINA RHODOPHILA.

Spilosoma rhodophila, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864); also xxxv; p. 1906, (1866).
Spilosoma rubidorsa, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.
Spilarctia rhodophila, Butler, Cist. Ent. ii, p. 40, (1875).
Icambosida rhodophila, Butler, Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 4, (1881).

I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Darjiling.

770. THYRGORINA SPILOSOMATA.

Thyrgorina spilosomata, Walker, Cat. Lep. Het. B. M. xxxi, p. 318, (1864).

S. India.

Genus **Bucœa.**

771. BUCŒA SIMPLEX.

Savara simplex, Walker, Cat. Lep. Het. B. M. xxxi, p. 320, (1864).
Bucœa simplex, Walker, *loc. cit.* xxxv, p. 1983, (1866).

Collection Swinhoe, India.

Genus **Hyphantria.**

772. HYPHANTRIA UNIFASCIA.

Andala unifascia, Walker, Cat. Lep. Het. B. M. iii, p. 774, (1855).

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Kulu.

Genus Tinolius.

773. TINOLIUS EBURNEIGUTTA.

Tinolius eburneigutta, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).
——————— Moore, Lep. Ceyl. iii, p. 185, pl. 171, figs. 10, 10*a*, (1885).
Tinoleus (sic) *eburneigutta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 851.

I. M., (?) Sikkim.
Collection Swinhoe, Ceylon.
Also recorded from (?) Sylhet, Malabar Coast, Tenasserim.

Genus Pharetra.

774. PHARETRA CONSANGUIS.

Acronycta consanguis, Butler, Ann. Mag. N. H. (5), iv, p. 358, (1879).
Pharetra consanguis, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Kasauli.
Also recorded from Japan.

Genus Pangora.

775. PANGORA DISTORTA.

Pangora distorta, Moore, Descr. Ind. Lep. Atk. i, p. 42, pl. ii, fig. 14, (1879).

Mussooree, Simla.

776. PANGORA EROSA.

Aloa erosa, Walker, Cat. Lep. Het. B. M. iii, p. 708, (1855).
Pangora erosa, Moore, Lep. Ceyl. ii, p. 72, pl. 107, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

777. PANGORA MATHERANA.

Pangora matherana, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.
——————— Waterhouse, Aid. ii, pl. 131, fig. 6, (1883).*

Collection Swinhoe, Bombay.

Genus Alope.

778. ALOPE CLAVATUS.

Alope clavatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

Collection Swinhoe, Bombay, Mahableshwar.
Also recorded from Poona.

779. ALOPE MOPSA.

Noctua mopsa, Drury, Ins. iii, p. 4, pl. 3, fig. 3, (1782).
Callimorpha mopsa, Westw., Ed. Drury, iii, p. 4, pl. 3, fig. 3, (1837).
Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).

Madras.

780. ALOPE RICINI.

Bombyx ricini, Fabr., Syst. Ent., p. 583, (1775).
——————— Ent. Syst. iii, 1, p. 473, (1793).
Alope ocellifera, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

ALOPE RICINI,—*continued.*

Alope ricini, Moore, Lep. Ceyl. ii, p. 70, pl. 106, figs. 2, 2*a*, 2*c*, (1882).
————Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.
————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.
————*loc. cit.*, 1886, p. 437.

I. M., Calcutta (Jackson), Sikkim (purchased), Sibsagar (Peal), Cachar (Wood-Mason).
Collection Swinhoe, Simla, Mhow, Bombay, Poona, Ahmednaggar, Satara, Ceylon.
Also recorded from Kanara, Sylhet.

781. ALOPE SANGARIDA.

Phalæna sangarida, Cramer, Pap. Exot. iv, pl. 381, fig. D, (1781).
Alope sangarida, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

Ceylon.

Genus **Phragmatobia.**

782. PHRAGMATOBIA EXCLAMATIONIS.

Euprepia exclamationis, Kollar, Kaschmir, Von Hügel, iv, p. 469, (1848).
Phragmatobia exclamationis, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).

Himalayas.

783. PHRAGMATOBIA MONTANA.

Arctia montana, Guer., Voy. Deless. Hist. Nat., p. 92, pl. 26, fig. 3, (1843).
Phragmatobia montana, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).

Nilgiri Hills.

Genus **Glanycus.**

784. GLANYCUS INSOLITUS.

Glanycus insolitus, Walker, Cat. Lep. Het. B. M. iii, p. 635, (1855).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
————Butler, Journ. Linn. Soc. Lond. 1876, p. 431.
————Ill. Typ. Lep. Het. v, p. 28, pl. 84, fig. 12, (1881).

Sylhet.

785. GLANYCUS TRICOLOR.

Glanycus tricolor, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).
———— Waterhouse, Aid. ii, pl. 131, fig. 1, (1883).*

I. M., Sikkim (Dreyer).

Genus **Creatonotos.**

786. CREATONOTOS CONTINUATUS.

Creatonotus continuatus, Moore, Ann. Mag. N. H. 4, xx, p. 344, (1877).
———— Lep. Ceyl. ii, p. 73, pl. 108, fig. 4, (1882).

Ceylon.

787. CREATONOTOS INTERRUPTA.

Phalæna interrupta, Linn. Syst. Nat. Phal. i, v, p, 2553, 116.
——— Cramer, Pap. Exot. ii, pl. 185, fig. E, (1777).
Bombyx francisca, Fabr., Mant. Ins. ii, p. 131, 200, (1787).
——— Ent. Syst. iii, i, p. 480, (1793).
Creatonotos interrupta, Hübn., Verz. Bek. Schmett., p. 170, (1816).
——— Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).
——— Butler, Cist. Ent. II, p 25, (1875).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 362, pl. 17, figs. 1-1*a*, (1859).
——— Lep. Ceyl. ii, p. 73, pl. 108, fig. 5 *a*, (1882).
——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 5396.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Cherra, Calcutta, Cachar, Sibsagar (Peal), Nepal.
Collection Swinhoe, Burma, Ceylon, Karachi, Hydrabad, Mhow, Bombay, Ahmednagar.
Also recorded from Coromandel, Penang.

788. CREATONOTOS RUBRICOSTA.

Creatonotus (sic) *rubricosta*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.
Aloa rubricosta, Butler, Cist. Ent. ii, p. 24, (1875).

Manipuri, Bombay.

Genus **Rajendra.**

789. RAJENDRA BIGUTTATA.

Aloa biguttata, Walker, Cat. Lep. Het. B. M. iii, p. 707, (1855).
Rajendra biguttata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

I.M., Sikkim.
Collection Swinhoe, Nilgiri Hills, Belgaum, Bombay, Khandalla.
Also recorded from Kanara.

790. RAJENDRA IRREGULARIS.

Rajendra irregularis, Moore, Lep. Ceyl. ii, p. 72, pl. 107, fig. 2, (1882).

Ceylon.

791. RAJENDRA KHANDALLA.

Aloa khandalla, Moore, Cat. Lep. Mus. E. I. C. ii, p. 361, pl. 9*a*, fig. 13, (1859).
Rajendra khandalla, Swinhoe, Proc. Zool. Lond. 1885, p. 296.

Collection Swinhoe, Bombay.
Also recorded from Kanara and Khandalla.

792. RAJENDRA LATIVITTA.

Spilosoma lativitta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia lativitta, Butler, Cist. Ent. ii, p. 40, (1875).
Rajendra lativitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.
——— Descr. Ind. Lep. Atk. i, p. 43, (1879).

Darjiling, Parisnath.
Allied to *R. biguttata*.

793. RAJENDRA NIGRICANS.

Aloa nigricans, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Rajendra nigricans, Moore, *loc. cit.* 1879, p. 396.

Bombay, Deccan.

794. RAJENDRA PANNOSA.

Rajendra pannosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 397, pl. 32, fig. 8.

N.-W. Himalayas.
I. M., Kulu (Young).

795. RAJENDRA SIPAHI.

Aloa sipahi, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.
Rajendra sipahi, Moore, *loc. cit.* 1879, p. 396.

Bombay, Madras.

796. RAJENDRA TRIPARTITA.

Aloa tripartita, Walker, Cat. Lep. Het. B. M. iii, p. 706, (1855).
Rajendra tripartita, Butler, Ill. Typ. Lep. Het. v, p. 35, pl. 86, fig. 4, (1881).

I. M., Sibsagar (Peal).
Collection Swinhoe, Rangoon.

797. RAJENDRA VITTATA.

Rajendra vittata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396, pl. 32, fig. 12.

Lower Burma.

Genus **Hypercompa.**

798. HYPERCOMPA ARGUS.

Hypercompa argus, Walker, Trans. Ent. Soc. Lond. (3) i, p. 73, (1862-64).
——————— Cat. Lep. Het. B. M. xxxi, p. 285, (1864).

India.

799. HYPERCOMPA EQUITALIS.

Euprepia equitalis, Kollar, Kaschmir, Von Hügel, p. 465, 2, pl. 20, fig. 3, (1848).
Hypercompa equitalis, Walker, Cat. Lep. Het. B. M. iii, p. 654, (1855).

I. M., Sikkim (Barnes).
Collection Swinhoe, Simla, Sikkim, Khasi Hills.
Also recorded from Mussooree, Nepal.

800. HYPERCOMPA FLAVICOLOR.

Hypercompa flavicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.

Simla.

801. HYPERCOMPA IMPLETA.

Hypercompa impleta, Walker, Cat. Lep. Het. B. M. xxxi, p. 286, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

India.

802. Hypercompa leopardina.

Euprepia leopardina, Kollar, Kaschmir, Von Hügel, iv, p. 467, pl. 21, fig. 2, (1848).
Hypercompa leopardina, Walker, Cat. Lep. Het. B. M. iii, p. 656, (1855).
Himalayas.

803. Hypercompa longipennis.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Sylhet.

804. Hypercompa nyctemerata.

Hypercompa nyctemerata, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).
Collection Swinhoe, Darjiling.
Allied to *H. equitalis*.

805. Hypercompa plagiata.

Hypercompa plagiata, Walker, Cat. Lep. Het. B. M. iii. p. 655, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
——————— Butler, Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 1, (1881).
I. M., Khasi Hills, Buxa (Moti Ram), Sibsagar, Yunan, Cherra Punji, Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim, Sylhet.

806. Hypercompa principalis.

Euprepia principalis, Kollar, Kaschmir, Von Hügel, iv, p. 465, pl. 20, fig. 2, (1848).
Hypercompa principalis, Walker, Cat. Lep. Het. B. M. iii, p. 653, (1855).
Mussooree.
I. M., Kulu (purchased), Yarkand (2nd Mission).
Collection Swinhoe, Pegu, Kulu.

807. Hypercompa regalis.

Hypercompa regalis, Moore, Proc. Zool. Soc. Lond. 1872, p. 575, pl. 33, fig. 7.
Collection Swinhoe, North Kanara.
Also recorded from North India.

808. Hypercompa similis.

Hypercompa similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.
N.-W. Himalayas.
Allied to *H. equitalis*.

Genus **Euchætes.**

809. Euchætes sikkimensis.

Euchætes sikkimensis, Moore, Descr. Lep. Ind. Atk. i, p. 39, pl. 2, fig. 12, (1879).
Sikkim.

Genus **Areas.**

810. AREAS IMPERIALIS.

Euprepia imperialis, Kollar, Kaschmir, Von Hügel, iv, p. 466, pl. 21, fig. 1, (1848).
Hypercompa imperialis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Areas imperialis, Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Mussooree.

811. AREAS MELANOPSIS.

Arctia melanopsis, Walker, Cat. Lep. Het. B. M. xxxi, p. 280, (1864).
Aloa callisoma, Felder, Reise Novara Lep. iv, pl. 101, fig. 4, (1864-75).
Areas melanopsis, Butler, Cist. Ent. ii, p. 22, (1875).
———— Moore, Lep. Ceyl. ii, p. 75, pl. 108, fig. 2, (1882).

Ceylon.

812. AREAS ORIENTALIS.

Areas orientalis, Walker, Cat. Lep. Het. B. M. iii, p. 658, (1855).
———— Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kurseong (Wood-Masson), Sikkim (purchased), Khasi Hills (purchased), Kulu (purchased), Shillong.
Collection Swinhoe, Simla.
Also recorded from Sylhet, Sarawak, and Java.

Genus **Aloa.**

813. ALOA CANDIDULA,

Aloa candidula, Walker, Cat. Lep. Het. B. M. iii, p. 704, (1855).
———— Butler, Cist. Ent. ii, p. 24, (1875).

Ceylon, Nepal.
Allied to *A. punctistriga*.

814. ALOA COMMA.

Aloa comma, Walker, Cat. Lep. Het. B. M. vii, p. 1703, (1856).

India.

815. ALOA DIMINUTA.

Aloa diminuta, Walker, Cat. Lep. Het. B. M. iii, p. 705, (1855).
————Butler, Cist. Ent. ii, p. 24, (1875).
———— Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 5, (1881).
Spilosoma strigata, Walker, Char. Undescr. Lep. Het, p. 10, (1869).

N. India.

816. ALOA EMITTENS.

Creatonotos emittens, Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).
Creatonotus emittens, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).
———— Lep. Ceyl. ii, p. 74, pl. 108, figs. 3, 3*a*, 82).
Aloa candidula, var. Walker, *loc. cit.*, p. 704, (1855).
Aloa emittens, Butler, Cist. Ent. ii, p. 24, (1875).
———— Proc. Zool. Soc. Lond. 1881, p. 614.

ALOA EMITTENS,—*continued.*

Aloa emittens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Calcutta (bred in Museum), Sibsagar (Peal).
Collection Swinhoe, Mhow, Bombay, Belgaum, Poona, Satara.
Also recorded from Ceylon and Kanara.

817. ALOA FLORA.

Aloa flora, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296, pl. 20, fig. 5.

Collection Swinhoe, Bombay.

818. ALOA LACTINEA.

Phalæna lactinea, Cramer, Pap. Exot. ii, pl. 133, fig. D, (1777).
Bombyx sanguinolenta, Fabr., Ent. Syst. iii; p. 473, 206, (1793).
Lithosia sanguinolenta, Donovan, Ins. Ind. p. 83, pl. 53, fig 3, (1800).
Estigmene lactinea, Hübn., Verz. Bek. Schmett., p. 184, (1816).
Aloa lactinea, Walker, Cat. Lep. Het. B. M. iii. p. 702, (1855).
Areas lactinea, Butler, Cist. Ent. ii, p. 22, (1875).
Aloa sanguinolenta, Moore, Lep. Ceyl. ii, p. 74, pl. 108, figs. 6, 6*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Sibsagar (Peal), Kulu (purchased), Sikkim (Atkinson), Khasi Hills, Shillong, Goalpara, Cachar (Wood-Mason), Raniganj, Chitral (Giles).
Collection Swinhoe, Simla, Mhow, Ceylon, Nilgiri Hills, Bombay, Poona.
Also recorded from Australia, Java, and China.

819. ALOA MARGINATA.

Aloa marginata, Moore, Proc. Zool. Soc. Lond. 1883, p. 15, pl. 5, fig. 1.

Nepal.

820. ALOA MOOREI.

Areas moorei, Butler, Cist. Ent, ii, p. 23, (1875).
——————— Ill. Typ. Lep. Het. v. p. 28, pl. 85, fig. 2, (1881).
Aloa moorei, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Almora.

821. ALOA PUNCTISTRIGA.

Spilosoma punctistriga, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855).
Aloa punctistriga, Butler, Cist. Ent. ii, p. 24, (1875).
——————— Ill. Typ. Lep. Het. v. p. 30, pl. 85, fig. 6, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Kulu (purchased).
Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

Genus **Seirarctia.**

822. SEIRARCTIA QUADRIRAMOSA.

Euprepia quadriramosa, Kollar, Kaschmir, Von Hügel, iv, p. 468, (1848).
Spilosoma quadriramosa, Walker, Cat. Lep. Het. iii. p. 675, (1855); and vii p. 1694, (1856).

SEIRARCTIA QUADRIRAMOSA,—*continued.*

Seirarctia quadriramosa, Butler, Cist. Ent. ii, p. 26, (1875).
Spilarctia quadriramosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., specimens with no history.
Collection Swinhoe, Simla, Kulu, Cherrapunji, Naga Hills, Satara.

Genus **Alpenus.**

823. ALPENUS BISERIATUS.

Alpenus biseriatus, Moore, Proc. Zool. Soc. Lond. 1877, p. 596.

S. Andaman Is.

824. ALPENUS FLAVENS.

Alpenus flavens, Moore, Descr. Ind. Lep. Atk. 1, p. 39, (1879).

Cherrapunji.

825. ALPENUS MULTIGUTTATUS.

Hypercompa multiguttata, Walker, Cat. Lep. Het. B. M. iii, p. 657, (1855).
Alpenus multiguttatus, Butler, Cist. Ent. ii, p. 34, (1875).

I. M., Nepal, Sikkim (purchased), Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Kulu.

826. ALPENUS SPILOSOMOIDES.

Deiopeia spilosomoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Alpenus spilosomoides, Butler, Cist. Ent. ii, p. 34, (1875).
——————— Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 7, (1881).

N. India.
Allied to *A. multiguttatus.*

Genus **Spilarctia.**

827. SPILARCTIA ABDOMINALIS.

Spilosoma abdominalis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).
Spilarctia abdominalis, Butler, Cist. Ent. ii, p. 42, (1875).
——————— Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 9, (1881).

Collection Swinhoe, Simla.

828. SPILARCTIA BRUNNEA.

Spilosoma brunnea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.
Spilarctia brunnea, Butler, Cist. Ent. ii, p. 42, (1875).

Bombay.

829. SPILARCTIA CASIGNETA.

Euprepia casigneta, Kollar, Kaschmir Von Hügel, iv, p. 469, (1884).
Spilosoma casigneta, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855)
Spilarctia casigneta, Butler, Cist. Ent. ii, p. 43, (1875).

I. M., Sibsagar (Peal).
Collection Swinhoe, Kasauli, Sikkim.
Also recorded from Mussooree.

830. SPILARCTIA CONFUSA.

Spilarctia confusa, Butler, Cist. Ent. ii, p. 42, (1875).
——————— Ill. Typ. Lep. Het. v, p. 33, pl. 85, fig. 13, (1881).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Munipur.
Collection Swinhoe, Sikkim, Bombay.

831. SPILARCTIA DENTILINEA.

Spilosoma dentilinea, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.

Sikkim.

832. SPILARCTIA DISCINIGRA.

Spilosoma discinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia discinigra, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

833. SPILARCTIA ERYTHROZONA.

Euprepia erythrozona, Kollar, Kaschmir Von Hügel, iv, p. 468, (1848).
Spilosoma erythrozona, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).
Dionychopus erythrozona, Butler, Cist. Ent. ii, p. 32, (1875).

Mussooree.

834. SPILARCTIA FLAVALIS.

Spilosoma flavalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia flavalis, Butler, Cist. Ent. ii, p. 39, (1875).

Darjiling.

835. SPILARCTIA GOPARA.

Spilosoma gopara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, pl. 9*a*, fig. 11, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Darjiling.

836. SPILARCTIA HOWRA.

Spilarctia howra, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Calcutta.

837. SPILARCTIA INDICA.

Arctia indica, Guer., Voy. Deless. Hist. Nat. p. 93, (1843).
Spilosoma indica, Walker, Cat. Lep. Het. B. M. iii, p. 674, (1855).
Spilarctia indica, Butler, Cist. Ent. ii, p. 40, (1875).

Nilgiri Hills.

838. SPILARCTIA JUCUNDA.

Spilarctia jucunda, Butler, Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 11, (1881).

Darjiling.

839. SPILARCTIA LACTEATA.

Spilarctia lacteata, Butler, Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 10, (1881).

Darjiling.

840. SPILARCTIA NYDIA.

Spilarctia nydia, Butler, Cist. Ent. ii, p. 41, (1875).
——————— Ill. Typ. Lep. Het. v, p 32, pl. 85, fig. 12, (1881).

I. M., Sikkim (Atkinson).
Collection Swinhoe, Darjiling.
Also recorded from Nepal.

841. SPILARCTIA OBLIQUIVITTA.

Spilarctia obliquivitta, Moore, Descr. Ind. Lep. Atk. i, p. 40, pl. 2, fig. 26, (1879).

Darjiling.

842. SPILARCTIA RUBILINEA.

Spilosoma rubilinea, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia rubilinea, Butler, Cist. Ent. ii, p. 44, (1875).

I. M., Shillong.
Collection Swinhoe, Sikkim.

843. SPILARCTIA RUBITINCTA.

Spilosoma rubitincta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
Spilarctia rubitincta, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

844. SPILARCTIA SORDIDA.

Spilosoma sordida, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).
Spilarctia sordida, Butler, Cist. Ent. ii, p. 42, (1874).

Darjiling.

845. SPILARCTIA STIGMATA.

Spilosoma stigmata, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia stigmata, Butler, Cist. Ent. ii, p. 40, (1875).

Darjiling.
I. M., a specimen with no history.

846. Spilarctia subfascia.

Spilosoma subfascia, Walker, Cat. Lep. Het. B. M. iii, p. 678, (1855).
Spilarctia subfascia, Butler, Cist. Ent. ii, p. 40, (1875).
——— Moore, Lep. Ceyl. ii, p. 71, pl. 107, figs. 3, 3*a*, (1882).

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.

847. Spilarctia suffusa.

Spilosoma suffusa, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Spilarctia suffusa, Butler, Cist. Ent. ii, p. 43, (1875).

Punjab.

848. Spilarctia todara.

Spilosoma todara, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.
Spilarctia todara, Butler, Cist. Ent. ii, p. 42, (1875).

Nilgiri Hills.

849. Spilarctia uniformis.

Spilarctia uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 39, (1879).

I. M., Sibsagar (Peal).
Also recorded from Calcutta.

Genus **Rhyparia.**

850. Rhyparia tigrina.

Rhyparia tigrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 398, pl. 32, fig. 4.

S. India.

Genus **Cycnia.**

851. Cycnia rubida.

Cycnia rubida, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).

Ceylon.

852. Cycnia sparsigutta.

Cycnia sparsigutta, Walker, Cat. Lep. Het. xxxi, p. 296, (1864).
——— Moore, Lep. Ceyl. ii, p. 77, (1882).

I. M., Ceylon (Colombo Museum).

853. Cycnia transversa.

Cycnia transversa, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.

N.-W. India.

Genus **Challa**.

854. CHALLA BIMACULATA.

Challa bimaculata, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.

N.-W. Himalayas.

855. CHALLA DISCALIS.

Challa discalis, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 7.

N.-W. Himalayas.

Genus **Nyaca**.

856. NYACA ABDOMINALIS.

Alphea abdominalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

I. M., Sikkim (purchased).

857. NYACA DIVISA.

Arctia divisa, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).
Ardices divisa, Butler, Cist. Ent. ii, p. 28, (1875).
Nyaca divisa, Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 2, (1881).

I. M., N. Khasi Hills.
Also recorded from the Himalayas.

858. NYACA FLORESCENS.

Nyaca florescens, Moore, Descr. Ind. Lep. Atk. i, p. 43, pl. 2, fig. 13, (1879).
———— Butler, Ill. Typ. Lep. Het. v, p. 34, pl. 86, fig. 3, (1881).

I. M., Khasi Hills.
Also recorded from Darjiling.

859. NYACA FULVOHIRTA.

Alphæa fulvohirta, Walker, Cat. Lep. Het. B. M. iii, p. 684, (1855).
———— Butler, Cist. Ent. ii, p. 28, (1875).
———— Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 8, (1881).

I. M., Sikkim.
Collection Swinhoe, Darjiling.

860. NYACA IMBUTA.

Arctia imbuta, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Pericallia imbuta, Butler, Cist. Ent. ii, p. 29, note, (1875).
Nayaca (sic) *imbuta*, Moore, Descr. Ind. Lep. Atk. i, p. 43, (1879).
———— Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 1, (1881).

Collection Swinhoe, Simla, Sikkim.

Genus **Ardices**.

861. ARDICES VARIA.

Alphæa varia, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).
Ardices varia, Butler, Cist. Ent. ii, p. 29, (1875).

Mussooree.

Genus **Icambosida.**

862. ICAMBOSIDA NIGRIFRONS.

Icambosida nigrifrons, Walker, Cat. Lep. Het. B. M. xxxii, p. 401, (1865); also xxxv, p. 1918, (1866).
————————Butler, Cist. Ent. ii, p. 29, (1875).
————————Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 3, (1881).

Collection Swinhoe, Darjiling.

863. ICAMBOSIDA PUNCTILINEA.

Icambosida punctilinea, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Darjiling.

Genus **Carbisa.**

864. CARBISA VENOSA.

Carbisa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 41, pl. 2, fig. 10, (1879).

Darjiling.

Genus **Microsemyra.**

865. MICROSEMYRA PALLIDA.

Microsemyra pallida, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Mhow.

FAMILY LIPARIDÆ.

Genus **Perina.**

866. PERINA BIPARS.

Perina bipars, Walker, Cat. Lep. Het. B. M. xxxii, p. 406, (1865).

India.

867. PERINA NUDA.

Bombyx nuda, Fabr., Mant. Ins. ii, p. 117, (1787).
Euproctis antica, var., Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).
Stilpnotia subtincta, Walker, *loc. cit.*, p. 843, (1855).
Perina basalis, Walker, *loc. cit.*, p. 966, (1855).
————————Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, fig. 4, (1859).
———————— Proc. Zool. Soc. Lond. 1878, p. 848.
————————, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.
———————— Proc. Zool. Soc. Lond. 1886, p. 437.
Euproctis combinata, Walker, *loc. cit.* xxxii, p. 347, (1865).
Perina nuda, Moore, Lep. Ceyl. ii, p. 94, pl. 114, figs. 1, 1*a*, 1*b*, (1882).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402, pl. 14, figs. 7, 7*a*, 7*b*, and pl. 15, figs. 6*a*—*d*.

I. M., Calcutta (de Niceville), Cachar (Wood-Mason).
Collection Swinhoe, Belgaum, Mhow, Poona, Bombay.
Also recorded from Ceylon, Nepal, and Hongkong.

Genus **Gynæphora.**

868. GYNÆPHORA OCULARIS.

Orygia ocularis, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Calcutta.

869. GYNÆPHORA SOCRUS.

Gynæphora socrus, Geyr., Zutr. iv, 12, figs. 387, 388.*
Aroa substrigosa, Walker, Cat. Lep. Het. B. M. iv, p. 794, (1855).
———— Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 5, (1881).
Aroa socrus, Walker, *loc. cit.* xxxii, p. 327, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet, Java, Hongkong.

870. GYNÆPHORA XERAMPELINA.

Gynæphora xerampelina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 21, figs. 8, 9.

Collection Swinhoe, Poona.

Genus **Repena.**

871. REPENA CERVINA.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).

E. Indies.

Genus **Orgyia.**

872. ORGYIA ALBIFASCIA.

Orgyia albifascia, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).
———— Moore, Journ. As. Soc. Beng. liii, 2, p. 235, (1884).

Darjiling.

873. ORGYIA BICOLOR.

Orgyia bicolor, Walker, Cat. Lep. Het. B. M. iv, p. 787, (1855).

E. Indies.

874. ORGYIA CEYLONICA.

Orgyia ceylonica, Nietner, Obs. Enemies of Coffee in Ceylon p. 19, (1861).*
———— Moore, Lep. Ceyl. ii, p. 78, (1882).

Ceylon.

875. ORGYIA POSTICA.

Lacida postica, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).
Orygia (sic) *postica*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).
———— Lep. Ceyl. ii, p. 78, pl. 109, figs. 1, 1*a*, 1*b*, (1882).

E. Indies.

876. Orgyia simplex.

Orgyia simplex, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).

S. India.

877. Orgyia subfascia.

Orgyia subfascia, Moore, Proc. Zool. Soc. Lond. 1865, p. 803.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1912, (1866).

Darjiling.

878. Orgyia viridescens.

Acyphas viridescens, Walker, Cat. Lep. Het. B. M. iv, p. 798, (1855).
Orgyia viridescens, Moore, Lep. Ceyl. ii, p. 79, (1882).

Ceylon.

Genus **Charnidas**.

879. Charnidas cinnamomea.

Charnidas cinnamomea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Pangi, Upper Kunawar, N.-W. Himalayas.
Allied to *C. litura*.

880. Charnidas litura.

Charnidas litura, Walker, Cat. Lep. Het. B. M. iv, p. 797, (1855).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Nepal.

881. Charnidas ochracea.

Charnidas ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Calcutta.

882. Charnidas plana.

Orgyia plana, Walker, Cat. Lep. Het. B. M. iv, p. 786, (1855).
Charnidas junctifera, Walker, *loc. cit.* xxxii, p. 334, (1865).
Charnidas plana, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 1, 1*a*, (1882).

Collection Swinhoe, Ceylon.
Also recorded from N. India.

883. Charnidas rotundata.

Lacida rotundata, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).
Cycnia rubida, Walker, *loc. cit.* xxxi, p. 297, (1864).
Lymantria disjuncta, Walker, *loc. cit.* xxxii, p. 366, (1865).
Charnidas rotundata, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 4, 4*a*, (1882).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.

Collection Swinhoe, Poona, Ceylon.

884. CHARNIDAS SUBNOTATA.

Lacida subnotata, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).
Charnidas subnotata, Moore, Lep. Ceyl. ii, p. 83, (1882).

Ceylon.

885. CHARNIDAS TESTACEA.

Cycnia testacea, Walker, Cat. Lep. Het. B. M. iii, p. 683, (1855).
Charnidas testacea, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.
——————— ——————— Proc. Zool. Soc. Lond. 1886, p. 437.

Collection Swinhoe, Mhow, Bombay, Sind.

Genus **Lælioides.**

886. LÆLIOIDES FASCIATA.

Lælioides fasciata, Moore, Lep. Ceyl. ii, p. 84, pl. 110, fig. 6, (1882).

Ceylon.

887. LÆLIOIDES LACTEA.

Lælioides lactea, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.

Punjab.

888. LÆLIOIDES RUBRIPENNIS.

Lælioides rubripennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.

Burma.

Genus **Lælia.**

889. LÆLIA ANGULIFERA.

Prorodeca (sic) *angulifera*, Walker, Cat. Lep. Het. B. M. iv, p. 919, (1855).
Ricine suffusa, Walker, *loc. cit.*, p. 824, (1855).
Lælia angulifera, Moore, Lep. Ceyl. ii, p. 83, pl. 110, figs. 5, 5*a*, (1882).

I. M., Sibsagar (Peal).
Also recorded from Java and Ceylon.

890. LÆLIA LILACINA.

Lælia lilacina, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Coonoor.

891. LÆLIA PALLIDA.

Lælia pallida, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299

Collection Swinhoe, Bombay, Karachi.
Allied to *L. angulifera*.

892. Lælia venosa.

Lælia venosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus **Genusa**.

893. Genusa bigutta.

Genusa bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Calcutta.

894. Genusa circumdata.

Genusa circumdata, Walker, Cat. Lep. Het. B. M. iv, p. 819, (1855).
Lælia circumdata, Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 7, (1881).

Collection Swinhoe, Simla, Darjiling.

895. Genusa comparata.

Genusa comparata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Darjiling, Cherrapunji.
Allied to *G. circumdata*.

896. Genusa delineata.

Genusa delineata, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.
Lælia delineata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 50, pl. 89, fig. 8, (1881).

I. M., Yunan, Buxa (Moti Ram), Shillong, Darjiling (purchased), Naga Hills, Sibsagar, Cherrapunji, Khasi Hills.
Collection Swinhoe, Buxar, Bhootan, Sikkim.
Also recorded from Sylhet.
Allied to *G. circumdata*.

897. Genusa discifera.

Genusa discifera, Walker, Char. Undescr. Lep. Het., p. 14, (1869).

Bengal.
Allied to *G. circumdata*.

898. Genusa terminata.

Genusa terminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1864).

India.

Genus **Deroca**.

899. Deroca hyalina.

Deroca hyalina, Walker, Cat. Lep. Het. B. M. iv, p. 823, (1855).

Himalayas.
I. M., Kulu (purchased).
Collection Swinhoe, Simla.

900. Deroca maculata.

Deroca maculata, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.

I. M., Simla.
Also recorded from Mussooree.

Genus **Themaca.**

901. Themaca comparata.

Themaca comparata, Walker, Cat. Lep. Het. B. M. xxxii, p. 395, (1865).

N. India.

Genus **Artaxa.**

902. Artaxa apicalis.

Arna apicalis, Walker, Cat. Lep. Het. B. M. vii, p. 1177, (1856).
Artaxa apicalis, Moore, Lep. Ceyl. ii, p. 85, pl. 111, figs. 4, 4*a*, 4*b*, (1882).

Ceylon.

903. Artaxa atomaria.

Artaxa atomaria, Walker, Cat. Lep. Het. B. M. iv, p. 796, (1855).
——————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 2, (1881).

N. India, Moulmein.

904. Artaxa basalis.

Artaxa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 51, pl. 2, fig. 16, (1879).

Darjiling.

905. Artaxa brevivitta.

Artaxa brevivitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 10.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona.
Also recorded from Bengal.
Allied to *A. howra*.

906. Artaxa cervina.

Artaxa cervina, Moore, Ann. Mag. Nat. Hist. (4), xx, p. 345, (1877).
——————— Lep. Ceyl. ii, p. 86, pl. 112, fig. 3, (1882).

Ceylon.
Allied to *A. varians*.

907. Artaxa citrina.

Artaxa citrina, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).
——————— Lep. Ceyl. ii, p. 85, pl. 112. figs. 2, 2*a*, (1882).

Ceylon.

908. Artaxa digramma.

Bombyx digramma, Boisd., Icon. R. Anim. Ins., p. 508, pl. 86, fig. 4, (1829—38).*
Artaxa guttata, Walker, Cat. Lep. Het. B. M. iv, p. 795, (1855).
Artaxa digramma, Moore, Cat. Lep Mus. E. I. C. ii, p. 350, pl. 16, figs. 5, 5*a*, (1859).
———— Walker. *loc. cit.* xxxii, p. 329, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
———— Lep. Ceyl. ii, p. 85, pl. 112, figs. 1, 1*a*, (1882).
———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Sylhet, Nepal, Calcutta, Kanara, Burma, Ceylon, China, Java.

909. Artaxa dispersa.

Artaxa dispersa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 6, (1879).

Darjiling.
Allied to A. *subfasciata*.

910. Artaxa erecta.

Artaxa erecta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 6.

Kanara.

911. Artaxa fraterna.

Artaxa fraterna, Moore, Lep. Ceyl. ii, p. 85, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, Ceylon.

912. Artaxa howra.

Artaxa howra, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Calcutta.
Allied to *A. citrina*.

913. Artaxa inconcisa.

Artaxa inconcisa, Walker, Cat. Lep. Het. B. M. xxxii, p. 332, (1865).

I. M., Sikkim (Atkinson).
Collection Swinhoe, Darjiling.

914. Artaxa justiciæ.

Artaxa justiciæ, Moore, Cat. Lep. Mus. E. I. C. ii, p. 352, pl. 16, figs. 6, 6*a*, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 330, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.
Allied to *A. atomaria*.

915. ARTAXA LIMBATA.

Artaxa limbata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 3, (1881).

I. M., Kulu (Purchased), Andaman Is. (purchased).
Collection Swinhoe, Simla.
Also recorded from Sikkim.

916. ARTAXA PRINCEPS.

Artaxa princeps, Walker, Cat. Lep. Het. B. M. xxxii, p. 331, (1865).

N. India.

917. ARTAXA PUSILLA.

Artaxa pusilla, Moore, Lep. Ceyl. ii, p. 86, pl. 112, fig. 4, (1882).
Euproctis pygmæa, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 156 note.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

I. M., Andaman Is. (purchased), Calcutta.
Collection Swinhoe, Karachi, Hubb River.
Also recorded from Ceylon.

918. ARTAXA SUBFASCIATA.

Artaxa subfasciata, Walker, Cat. Lep. Het B. M. xxxii, p. 332, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
——————— Journ. As. Soc. Beng. liii, 2, 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Calcutta.
Collection Swinhoe, Cachar.
Also recorded from Sikkim.

919. ARTAXA TRIFASCIATA.

Artaxa, trifasciata, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Cherrapunji.
Allied to *A. subfasciata*.

920. ARTAXA UNIMACULA.

Artaxa unimacula, Moore, Proc. Zool. Soc. Lond. 1879, p. 399.

Khasi Hills.
Allied to *A. digramma*.

921. ARTAXA VARIANS.

Artaxa varians, Walker, Cat. Lep. Het. B. M. iii, p. 796, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 848.
——————— Swinhoe, Proc. Zool. Soc Lond. 1885, p. 298.

I. M., Calcutta, Buxa (Moti Ram), Mergui (Anderson).
Collection Swinhoe, Poona, Bombay.
Also recorded from the Punjab, Tenasserim, China, and S. Africa.

922. Artaxa venosa.

Artaxa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 5, (1879).

Darjiling.

Genus **Somena**.

923. Somena irrorata.

Somena irrorata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, fig. 2, (1882).

Ceylon.

924. Somena scintillans.

Somena scintillans, Walker, Cat. Lep. Het. B. M. vii, p. 1734, (1856).
——————— Moore, Lep. Ceyl. ii, p. 86, pl. 111, figs. 3, 3*a*, (1882).
Artaxa scintillans, Butler, Ill. Typ. Lep. Het. v, p. 52, pl. 90, fig. 1, (1881).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, and Ceylon.

925. Somena subnotata.

Orvasca subnotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 502, (1865).
Somena subnotata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, figs. 1, 1*a*, 1*b*, (1882).
Gomena (sic) *subnotata*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

Collection Swinhoe, Karachi.
Also recorded from Ceylon.

Genus **Cispia**.

926. Cispia punctifascia.

Cispia punctifascia, Walker, Cat. Lep. Het. B. M. iv, p. 857, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 53, pl. 90, fig. 4, (1881).
——————— Moore, Lep. Ceyl. ii, p. 91, pl. 113, fig. 3, (1882).

I. M., Buxa (Moti Ram).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

927. Cispia semisignata.

Cispia semisignata, Walker, Cat. Lep. Het. B. M, xxxii, p. 356, (1865).

S. India.

928. Cispia venosa.

Cispia venosa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 264, (1862-64).
——————— Cat. Lep. Het. B. M. xxxii, p. 356, (1865).

I. M., Sikkim (Atkinson).

Genus **Porthesia.**

929. PORTHESIA MARGINALIS.

Euproctis marginalis, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).
Porthesia marginalis, Butler, Ill. Typ. Lep, Het. v, p. 51, pl. 89, fig. 12, (1881).
———————Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Mergui (Anderson).
Collection Swinhoe, Mhow, Punjab, Poona, Bombay.

930. PORTHESIA SUBDITA.

Euproctis subdita, Moore, Proc. Zool. Soc. Lond. 1879, p. 400.
Porthesia subdita, Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 5, 5*a* (1882).

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.
Allied to *P. auriflua* of Europe.

931. PORTHESIA SUBNIGRA.

Euproctis subnigra, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).

I. M., Sibsagar (Peal), Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Sibsagar.
Recorded from Cherrapunji and the Jawai Hills.

932. PORTHESIA VIRGUNCULA.

Euproctis virguncula, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, figs. 3, 3*a*, (1859).
——————— Snellen, Tijd. Ent. Hague xx, p. 14, pl. 1. fig. 7, (1877).

Punjab, Deccan, Ceylon, Java.

Genus **Euproctis.**

933. EUPROCTIS ANTICA.

Euproctis antica, Walker, Cat. Lep. Het. B. M, iv, p. 835, (1855).

Nepal, Hongkong.

934. EUPROCTIS ATOMARIA.

Euproctis atomaria, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).
——————— Snellen, Tijd. Ent. Hague xx, p. 11, pl. 1, fig. 4, (1877).

I. M., Mergui (Anderson).
Recorded from N. India and Java.

935. EUPROCTIS BIGUTTA.

Euproctis bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).
———————Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, (1859).
———————Lep. Ceyl. ii, p. 90, pl. 112, fig. 6*a*, (1882).

Kanara, Ceylon, Java.

936. Euproctis bimaculata.

Euproctis bimaculata, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).
——— Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 6, 6*b*, (1882).

I. M., (?) Andaman Is. (purchased).
Also recorded from Ceylon.

937. Euproctis discinota.

Euproctis discinota, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.
Andaman Is.

938. Euproctis divisa.

Euproctis divisa, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).
Nepal, Punjab, Sylhet.

939. Euproctis flavonigra.

Euproctis flavonigra, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 11.

Nepal.

940. Euproctis gamma.

Euproctis gamma, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Sikkim.

941. Euproctis icilia.

Phalæna icilia, Stoll., Cram. Pap. Exot. v, p. 158, pl. 35, fig. 5, (1790).
Bombyx arenacea, Linn., Syst. Nat. i, 2, 828, 65.*
Phalæna (Bombyx) arenacea, Drury, Ins. i, p. 33, pl. 18, fig. 1, (1770).
Nygmia arenacea, Hübn, Verz. Bek. Schmett., p. 193, (1816).
Limacodes arenacea, Westw., Ed. Drury i, p. 32, pl. 18, fig. 1, (1837).*
Euproctis icilia, Walker, Cat. Lep. Het. B. M. vii, p. 1730, (1856).

Tranquebar.

942. Euproctis immaculata.

Euproctis immaculata, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
Java, Sikkim.

943. Euproctis kargalica.

Euproctis kargalica, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).
——— Second Yarkand Miss. Lep., p. 7, pl. 1, fig. 18, (1879).

I. M., Yarkand Type (2nd Mission).

944. Euproctis lactea.

Euproctis lactea, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).
I. M., Yarkand Type (2nd Mission).

945. EUPROCTIS LATIFASCIA.

Leucoma latifascia, Walker, Cat. Lep. Het. B. iv, p. 831, (1855).
Euproctis latifascia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 51, pl. 89, fig. 11, (1881).
Euproctis melanophila, Walker, *loc. cit.* xxxii, p. 349, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

I. M., Sikkim.
Collection Swinhoe, Darjiling.
Also recorded from Nepal.

946. EUPROCTIS LUNATA.

Euproctis lunata, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855); and vii, p. 1731, (1856).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 16, fig. 2, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 680.
——————— Butler, Ill. Typ. Lep. Het. v, p. 50, pl 89, fig. 9, (1881).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 400, pl. 14, figs. 5-5c.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.
——————— *loc. cit.*, 1886, p. 437.

I. M , Delhi.
Collection Swinhoe, Jullundur, Mhow, Poona.
Also recorded from Calcutta.

947. EUPROCTIS LUTESCENS.

Euproctis lutescens, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 10, (1881).
——————— Moore, Lep. Ceyl. ii, p. 90, pl. 113, fig. 1, (1882).

N. India, Ceylon.
I. M., a specimen with no history.

948. EUPROCTIS MADANA.

Euproctis madana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 345, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

949. EUPROCTIS METAMELANA.

Euproctis metamelana, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Cherrapunji.
Allied to *E. melanophila*.

950. EUPROCTIS POSTICA.

Euproctis postica, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Bombay,
Also recorded from Poona.

951. Euproctis postincisa.

Euproctis postincisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 5.

N.-E. Bengal.

952. Euproctis rana.

Euproctis rana, Moore, Proc. Zool. Soc. Lond. 1865, p. 806.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1915, (1866).

Sylhet.

953. Euproctis semivitta.

Euproctis semivitta, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 25. (1879).

Khasi Hills.

954. Euproctis tinctifera.

Euproctis tinctifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).
——— Moore, Lep. Ceyl. ii, p. 90, (1882).

Ceylon.

955. Euproctis variegata.

Euproctis variegata, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 24, (1879).

Darjiling.

956. Euproctis vilis.

Euproctis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

S. India.

957. Euproctis vitellina.

Liparis vitellina, Kollar, Kaschmir Von Hugel, iv, p. 471, (1848).
Euproctis vitellina, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Kulu (purchased), Simla.
Collection Swinhoe, Simla, Satara.
Also recorded from Satara.

958. Euproctis xanthorrhæa.

Liparis xanthorrhœa, Kollar, Kaschmir Von Hügel, p. 470, (1848).
Euproctis xanthorrhœa, Walker, Cat. Lep. Het B. M. iv, p. 838, (1855).

Mussooree, Kashmir.

Genus **Pida**.

959. Pida albodentata.

Pida albodentata, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

N.-W. Himalayas.

960. PIDA APICALIS.

Pida apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 400, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
———— Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 15, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

961. PIDA LATIVITTA.

Pida lativitta, Moore, Descr. Ind. Lep. Atk. i. p. 49, pl. 2, fig. 18, (1879).

Darjiling.

Genus **Numenes.**

962. NUMENES PARTITA.

Numenes partita, Walker, Cat. Lep. Het. B. M. xxxi, p. 290, (1864).

Darjiling.

963. NUMENES PATRANA.

Numenes patrana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 367, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 289, (1864).

Collection Swinhoe, Sikkim.
Also recorded from Bhotan.

964. NUMENES SILETTI.

Numenes siletti, Walker, Cat. Lep. Het. B. M. iii, p. 663, (1855).

I. M., Tavoy (Moti Ram), Cachar (Wood-Mason), Sikkim (purchased), N. Khasi Hills, Sibsagar.
Collection Swinhoe, Sylhet.
Also recorded from Java.

Genus **Chærotricha.**

965. CHÆROTRICHA BIPARTITA.

Chærotricha bipartita, Moore, Descr. Ind. Lep. Atk. i, p. 49, pl. 2, fig. 4, (1879).

Darjiling.

966. CHÆROTRICHA DECUSSATA.

Chærotricha decussata, Moore, Ann, Mag. N. H. (4), xx, p. 345, (1877).
———— Lep. Ceyl. ii, p. 91, pl. 113, figs. 2, 2*a*, 2*b*; (1882).
Euproctis decussata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.

Collection Swinhoe, Nilgiri Hills, Poona, Bombay.
Also recorded from Ceylon.
Allied to *C. plana*.

967. Chærotricha immaculata.

Chærotricha immaculata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 14, (1881).

Darjiling.

968. Chærotricha leithiana.

Artaxa leithiana, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 9.

I. M., a specimen with no locality (Anderson).
Collection Swinhoe, Poona, Bombay, Belgaum.
Also recorded from Kanara.

969. Chærotricha marginata.

Chærotricha marginata, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.
Allied to *C. plagiata*.

970. Chærotricha plagiata.

Cispia plagiata, Walker, Cat. Lep. Het. B. M. iv, p. 858, (1855).

Nepal.

971. Chærotricha plana.

Euproctis plana, Walker, Cat. Lep. Het. vii, p. 1731, (1856).
Chærotricha plana, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 13, (1881).

Collection Swinhoe, Bengal.
Also recorded from Darjiling.

972. Chærotricha quadrangularis.

Chærotricha quadrangularis, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 23, (1879).

Manipur, E. Bengal.

973. Chærotricha uniformis.

Chærotricha uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.
Allied to *C. plagiata*.

974. Chærotricha varia.

Euproctis varia, Walker, Cat. Lep. Het. B. M. iv, p. 840, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 9*a*, fig. 5, (1859)

Collection Swinhoe, Simla, Sikkim.

Genus **Dasychira.**

975. Dasychira albescens.

Dasychira albescens, Moore, Descr. Ind. Lep. Atk. i, p. 59, pl. 3, fig. 2, (1879).

Darjiling.
Allied to *D. cinctata*.

976. DASYCHIRA BHANA.

Dasychira bhana, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Collection Swinhoe, Darjiling.
Allied to *D. tenebrosa*.

977. DASYCHIRA BRUNNESCENS.

Dasychira brunnescens, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).
Darjiling.

978. DASYCHIRA CINCTATA.

Dasychira cinctata, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).
Darjiling.

979. DASYCHIRA CONVERGENS.

Dasychira convergens, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

980. DASYCHIRA FASCIATA.

Dasychira fasciata, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).
Darjiling.

981. DASYCHIRA FLAVIMACULA.

Dasychira flavimacula, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Darjiling.

982. DASYCHIRA GROTEI.

Dasychira grotei, Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. xv, figs. 1, 1*a*, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

India, Penang.

983. DASYCHIRA KAUSALIA.

Dasychira kausalia, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

Collection Swinhoe, Simla.
Also recorded from Kasauli.
Allied to *D. horsfieldi* and *D. strigata*.

984. Dasychira maruta.

Dasychira maruta, Moore, Cat. Lep. Mus. E. I. C. ii, p. 339, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
———— Butler, Ill. Typ. Lep. Het. B. M. v, p. 58, pl. 91, fig. 6, (1881).

Darjiling.

985. Dasychira mœrens.

Dasychira mœrens, Felder, Reise Novara Lep., pl. 99, fig. 4, (1864-75).

Ceylon.

986. Dasychira nigritula.

Dasychira nigritula, Walker, Cat. Lep. Het. B. M. xxxii, p. 360, (1865).

N. India.

987. Dasychira niveosparsa.

Dasychira niveosparsa, Butler, Ill. Typ. Lep. Het. B. M. v, p. 59, pl. 91, fig. 7, (1881).

Darjiling.

988. Dasychira perdix.

Dasychira perdix, Moore, Descr. Ind. Lep. Atk. i, p. 58, pl. 3, fig. 3, (1879).

Darjiling.

989. Dasychira strigata.

Dasychira strigata, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).

Garhwal, Simla.
Allied to *D. kausalia*.

990. Dasychira tenebrosa.

Dasychira tenebrosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 361, (1865); and xxxv, p. 1916, (1866).

Darjiling.

991. Dasychira thwaitesii.

Dasychira thwaitesii, Moore, Lep. Ceyl. ii, p. 98, pl. 116, figs. 1, 1*a*, 1*b*, (1882).

Collection Swinhoe, Ceylon.

992. Dasychira varia.

Dasychira varia, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).

E. Indies.

Genus **Gazalina.**

993. GAZALINA APSARA.

Dasychira apsara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
Gazalina apsara, Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
N. India.

994. GAZALINA CHRYSOLOPHA.

Liparis chrysolopha, Köllar, Kaschmir Von Hügel, iv, p. 470, (1848).
Dasychira antica, Walker, Cat. Lep. Het. B. M. iv, p. 867, (1855).
Oligoclona chordigera, Felder, Reise Novara Lep., pl. 94, fig. 10, (1864-75).
Gazalina antica, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 4, (1881).
I. M., Darjiling, Kulu.
Collection Swinhoe, Sikkim.
Also recorded from Almora.

995. GAZALINA TRANSVERSA.

Gazalina transversa, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 22, (1879).
Darjiling.

996. GAZALINA VENOSATA.

Gazalina venosata, Walker, Cat. Lep. Het. B. M. xxxii, p. 398, (1865).
———— Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 5, (1881).
Oligoclona nervosa, Felder, Reise Novara Lep., pl. 95, fig. 8, (1864-75).
I. M., Darjiling.
Collection Swinhoe, Sikkim.
Also recorded from Barrackpore.

Genus **Mardara.**

997. MARDARA CALLIGRAMMA.

Mardara calligramma, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865), also xxxv, p. 1918, (1866).
I. M., Sikkim (purchased).
Collection Swinhoe, Simla, Darjiling.

998. MARDARA COMPLICATA.

Dasychira complicata, Walker, Cat. Lep. Het. B. M. xxxii, p. 362, (1865).
Trisula pustulifera, Walker, *loc. cit.*, p. 576, (1865).
Mardara complicata, Butler, Ill. Typ. Lep. Het. v, p. 58, pl. 91, figs. 4-5, (1881).
I. M., Darjiling.
Collection Swinhoe, Darjiling.
Also recorded from Barrackpore.

Genus **Lymantria.**

999. LYMANTRIA ALBOLUNULATA.

Lymantria albolunulata, Moore, Proc. Zool. Soc. Lond. 1879, p. 403.
Collection Swinhoe, Simla.
Also recorded from Dharmsala.

1000. Lymantria aryama.

Lymantria aryama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 681.

Kanara.

1001. Lymantria asoetria.

Lymantria asoetria, Hübn., Samml. Exot. Schmett., 2, figs. (1-4).*
——————— Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).
——————— Moore, Journ. As. Soc. Beng., vol. lv, pt. 2, p. 98, (1886).

I. M., Tavoy (Moti Ram).
Also recorded from Java.

1002. Lymantria basinigra.

Lymantria basinigra, Moore, Proc. Zool. Soc Lond. 1865, p. 805.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Balasore.

1003. Lymantria beatrix.

Bombyx beatrix, Stoll., Cram. Suppl. Pap. Exot. v, p. 173, pl. 40, fig. 2, (1790).
Lymantria beatrix, Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
Lymantria marginata, Walker, Cat. Lep. Het. B. M. iv, p. 877, (1855).
——————— Butler, Ill. Typ Lep. Het. B. M. v, p. 56, pl. 90, fig. 12, (1881).

Batavia, Sylhet.
Collection Swinhoe, Dharmsala.

1004. Lymantria cara.

Lymantria cara, Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 13, (1881).

I. M., Sikkim (purchased), Sibsagar (Peal).
Also recorded from Bhotan and Borneo.

1005. Lymantria concolor.

Lymantria concolor, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).
——————— Butler, Ill. Typ Lep. Het. B. M. v, p. 55, pl. 90, figs. 8, 9, (1881).

Sikkim.

1006. Lymantria costalis.

Lymantria costalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).

S. India.

1007. Lymantria fuliginosa.

Lymantria fuliginosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Collection Swinhoe, Bombay, Khandalla.

1008. LYMANTRIA GRANDIS.

Lymantria grandis, Walker, Cat. Lep. Het. B. M. iv, p. 874, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, figs. 1-2, (1881).
——————— Moore, Lep. Ceyl., ii, p. 99, (1882).
Lymantria maculosa, Walker, *loc. cit.*, iv, p. 881, (1855).
Lymantria metarhoda, Walker, *loc. cit.*, xxxii, p. 365, (1865).

I. M., Darjiling (Barnes), Buxa (Moti Ram).
Collection Swinhoe, Darjiling, Simla.
Also recorded from Ceylon and Australia.

1009. LYMANTRIA GRISEA.

Lymantria grisea, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 5, (1879).

Darjiling.

1010. LYMANTRIA LUNATA.

Phalæna lunata, Cramer, Pap. Exot. iv, pl. 369, fig. C, (1781).
Porthetria lunata, Hübn., Verz. Bek. Schmett, p. 160, (1816).
Lymantria lunata, (Part), Walker, Cat. Lep. Het. B. M iv, p. 879, (1855).
——————— Semper, Verh., Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

Collection Swinhoe, Simla.
Also recorded from Amboina and Hongkong.

1011. LYMANTRIA MICANS.

Lymantria micans, Felder, Reise Novara Lep., pl. 99, fig. 2, (1864-75).

Sylhet.
Allied to *L. superans* and *L. concolor*.

1012. LYMANTRIA MUNDA.

Lymantria munda, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).
———————Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 681.
Imaus mundus, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

I. M., Darjiling (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sylhet.
Also recorded from Cherrapunji and Java.

1013. LYMANTRIA OBFUSCATA.

Lymantria obfuscata, Walker, Cat. Lep. Het. B. M. xxxii, p. 367, (1865).

Collection Swinhoe, Kulu, Simla.

1014. LYMANTRIA OBSOLETA.

Lymantria obsoleta, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).
——————— Lep. Ceyl. ii, p. 100, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.
——————— Proc. Zool. Soc. Lond. 1886, p. 438.

LYMANTRIA OBSCLETA,—*continued.*

Lymantria lunata, var. B, Walker, *loc. cit.* 879, (1855).
Lymantria bhascara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).

I. M. Cachar (Wood-Mason).
Collection Swinhoe, Nilgiri Hills, Mhow, Bombay, Poona, Matheran.
Also recorded from Sikkim, Ceylon, and Hongkong.

1015. LYMANTRIA PUSILLA.

Lymantria pusilla, Felder, Reise Novara Lep,. pl. 99, fig. 3, (1864-75).
Bengal.

1016. LYMANTRIA RHODINA.

Lymantria rhodina, Walker, Cat. Lep. Het. B. M. xxxii, p. 366, (1865).
India.

1017. LYMANTRIA SIMILIS.

Lymantria similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 402.
Calcutta.
Allied to *L. superans.*

1018. LYMANTRIA SOBRINA.

Lymantria sobrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 5.
I. M., Calcutta.
Collection Swinhoe, India.
Also recorded from Dharmsala.
Allied to *L. superans.*

1019. LYMANTRIA SUPERANS.

Lymantria superans, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 55, pl. 90, figs. 10 & 11, (1881).
I. M., Khasi Hills (purchased), Shillong, Kulu (purchased), Almorah (purchased), Cherrapunji.
Collection Swinhoe, Simla, Sikkim.

1020. LYMANTRIA TODARA.

Lymantria todara, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 6.
Nilgiri Hills.

1021. LYMANTRIA VINACEA.

Lymantria vinacea, Moore, Proc. Zool. Soc. Lond.
Kanara.

Genus **Pegella.**

1022. PEGELLA BIVITTATA.

Pegella bivittata, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).
Lymantria lineata, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

Darjiling.

1023. PEGELLA LINEATA.

Lymantria lineata, Part, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Pegella lineata, Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, fig. 3, (1881).

I. M., Naga Hills, Dunsiri, N. Khasi Hills.
Collection Swinhoe, Buxar.
Also recorded from Sylhet.

Genus **Porthetria.**

1024. PORTHETRIA BROTEA.

Phalæna brotea, Cramer, Pap. Exot. iv, pl. 322, fig. E, (1780).
Porthetria brotea, Hübn., Verz. Bek. Schmett, p. 160, (1816).
Lymantria brotea, Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).

Coromandel, Amboina.

1025. PORTHETRIA LEPCHA.

Porthetria lepcha, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

Darjiling.

1026. PORTHETRIA MATHURA.

Lymantria mathura, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).
Porthetria mathura, Moore, Descr. Ind. Lep. Atk. i, p. 55, Note (1879).

Collection Swinhoe, Sylhet.
Also recorded from Darjiling.

1027. PORTHETRIA UMBRINA.

Porthetria umbrina, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 4, (1879).

Darjiling.

Genus **Enome.**

1028. ENOME AMPLA.

Enome ampla, Walker, Cat. Lep. Het. B. M. iv, p. 883, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 346, pl. 9*a*, figs. 4, pl. xv, figs. 7, 7*a*, 8, 8*a*, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 681.
——————— Lep. Ceyl. ii, p. 79, pl. 109, figs. 2, 2*a*, 2*b*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

I. M., Yunan, Ceylon (Colombo Museum).
Collection Swinhoe, Sikkim, Poona.

1029. Enome detersa.

Lymantria detersa, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).
Enome detersa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300, pl. 21, figs. 3, 4.
——————— Proc. Zool. Soc., Lond. 1886, p. 438.
Pachenome detersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

Collection Swinhoe, Mhow, Sattara, Belgaum, Poona.
Also recorded from (?) Mauritius.

1030. Enome incerta.

Lymantria incerta, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).
Pseudomesa incerta, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402.
Enome incerta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.
——————— Proc Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Satara, Mhow.

Genus **Pseudomesa.**

1031. Pseudomesa quadriplagiata.

Pseudomesa quadriplagiata, Walker, Cat. Lep. Het. B. M. iv, p. 923, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 6, (1881).

Sylhet.
I. M., Buxa (Moti Ram).

Genus **Aroa.**

1032. Aroa clara.

Aroa clara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, figs. 9, 10.

Collection, Swinhoe, Bombay.
Allied to *A. pyrrhochroma*.

1033. Aroa pyrrhochroma.

Aroa pyrrhochroma, Walker, Cat. Lep. Het. B. M. xxxii, p. 329, (1865).

I. M., Buxar (Moti Ram), Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim, Buxa, Mandi.
Also recorded from Cherrapunji.

1034. Aroa sagrara.

Aroa sagrara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, fig. 13.

Belgaum.

Genus **Olene.**

1035. Olene basivitta.

Rilia basivitta, Walker, Cat. Lep. Het. B. M. xxxii, p. 436, (1865).
Olene basivitta, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 2, (1882).

Ceylon.

1036. Olene fusiformis.

Nioda fusiformis, Walker, Cat. Lep. Het. B. M. v, p. 1070, (1855).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 401, pl. 15, figs. 5—5*f*.
Olene fusiformis, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 3, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 297, pl. 20, fig. 8.
———— *loc. cit.* 1886, p. 438.

Collection Swinhoe, Simla, Cawnpore, Mhow, Karachi, Poona, Bombay.
Also recorded from Ceylon.

1037. Olene mendosa.

Olene mendosa, Hübn., Zutr. Exot. Schmett, figs. 293-294, (1823).*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, pl. 15, figs. 3, 3*a*, (1859).
———— Felder, Reise Novara, pl. 99, fig. 6, (1864-75).
———— Moore, Lep. Ceyl. ii, p. 96, pl. 115, figs. 4, 4*a*, 4*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.
Rilia lanceolata, Walker, Cat. Lep. Het. B. M. v, 1075, (1855).
Olene lanceolata, Butler, Ill. Typ. Lep. Het. vi, p. 1, pl. 106, fig. 6, (1886).

Collection Swinhoe, Poona.
Also recorded from Sylhet, Kanara, Ceylon, and Java.

1038. Olene olearia.

Olene olearia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297, pl. 20, figs. 14-15.

Collection Swinhoe, Poona.

Genus **Antipha**.

1039. Antipha antica.

Lacida antica, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).
Anaxila notata, Walker, *loc. cit.*, p. 919, (1855).
Antipha antica, Moore, Lep. Ceyl ii, p. 80, pl. 110, fig. 3, (1882).

Ceylon.

1040. Antipha basalis.

Antipha basalis, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).

E. Indies.

1041. Antipha costalis.

Antipha costalis, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).
———— Moore, Lep. Ceyl. ii, p. 81, pl. 110, figs. 2, 2*a*, 2*b*, (1882).
Lacida complens, Walker, *loc. cit.*, xxxii, p. 336, (1865).
Rilia illepida, Walker, *loc. cit.*, p. 436, (1865).

Ceylon.

1042. Antipha promittens.

Lacida promittens, Walker, Cat Lep. Het. B. M. xxxii, p. 337, (1865).
Antipha promittens, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

1043. Antipha strigulifera.

Lacida strigulifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 336, (1865).
Antipha strigulifera, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

Genus **Cnethocampa.**

1044. Cnethocampa basifurca.

Cnethocampa basifurca, Walker, Cat. Lep. Het. B. M. xxxii, p. 430, (1865).

S. India.

1045. Cnethocampa cheela.

Thaumatopœa cheela, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, figs. 3, 3*a*.

Collection Swinhoe, Simla.
Also recorded from Umballa.

1046. Cnethocampa curvata.

Cnethocampa curvata, Walker, Cat. Lep. Het. B. M. xxxii, p. 429, (1865).

India.

Genus **Nagunda.**

1047. Nagunda semicincta.

Alope semicincta, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).
Nagunda semicincta, Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 7, (1881).

I. M. Sikkim (purchased).
Collection Swinhoe; Simla.

Genus **Redoa.**

1048. Redoa clara.

Redoa clara, Walker, Cat. Lep. Het. B. M. xxxii, p. 343, (1865).

Collection, Swinhoe, Sikkim.

1049. Redoa cygna.

Redoa cygna, Moore, Proc. Zool. Soc. Lond. 1879, p. 491.

N.-E. Bengal.

1050. REDOA CYMBICORNIS.

Redoa cymbicornis, Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 2, (1881).

Darjiling.

1051. REDOA DIAPHANA.

Redoa diaphana, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).

Darjiling.
Allied to *R. lactea*.

1052. REDOA FLAVESCENS.

Redoa flavescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.

S. Andaman Is.

1053. REDOA LACTEA.

Redoa lactea, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).

Collection Swinhoe, Darjiling.

1054. REDOA SERICEA.

Redoa sericea, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.

Andaman Is.

1055. REDOA SUBMARGINATA.

Redoa submarginata, Walker, Cat. Lep. Het. B. M. iv, p. 826, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 336, pl. 14, figs. 11, 11*a*, (1859).
——————— Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 3, (1881).
——————— Moore, Lep. Ceyl. ii, p. 92, pl. 113, fig. 4, (1882).
——————— Journ. As. Soc. Beng. liii, pt. 2, p. 235, (1884).

I. M., Buxa (Moti Ram), Sikkim (purchased), Cachar (Wood-Mason), Sibsagar (Peal).
Collection Swinhoe, Ceylon.
Also recorded from Sylhet and Java.

Genus **Himala.**

1056. HIMALA ARGENTEA.

Redoa argentea, Walker, Cat. Lep. Het. B. M. iv, p. 827, (1855).
Dasychira ilita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).
——————— Walker, *loc. cit.*, xxxii, p. 359, (1864).
Himala argentea, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 6, (1881).
——————— Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Collection Swinhoe; Simla.
Also recorded from Assam, Darjiling, Dehra Dhun.

Genus **Mahoba.**

1057. MAHOBA IRRORATA.

Mahoba irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 52, (1879).

Darjiling.

1058. MAHOBA PLAGIDOTATA.

Cyclidia plagidotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1483, (1862).
Mahoba plagiodotata(sic), Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 3, fig. 6 (1879).

Darjiling.

Genus **Somera.**

1059. SOMERA VIRIDIFUSCA.

Somera viridifusca, Walker, Cat. Lep. Het. B. M. iv, p. 882, (1855).
——— Butler, Ill. Typ. Lep. Het. vi, p. 20, pl. 104, fig. 7, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Thiacidas.**

1060. THIACIDAS POSTICA.

Thiacidas postica, Walker, Cat. Lep. Het. B. M. v, p. 1028, (1855).
——— Moore, Cat. Lep. Mus E. I. C. ii, p. 371, (1859).
Thiacides (sic) *postica*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.
——— ——— *loc. cit.*, 1885, p. 302, pl. 21, figs. 1, 1*a*, 2.

Collection Swinhoe, Karachi, Bombay.
Also recorded from Nepal, Kanara.

Genus **Odagra.**

1061. ODAGRA DEVESTITA.

Odagra devestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

Genus **Baryaza.**

1062. BARYAZA CERVINA.

Baryaza cervina, Moore, Descr. Ind. Lep. Atk. i, p. 45, pl. 3, fig. 1, (1879).

Darjiling.

Genus **Heracula.**

1063. HERACULA DISCIVITTA.

Heracula discivitta, Moore, Proc. Zool. Soc., Lond. 1865, p. 804, pl. 43, fig. 2.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1918, (1866).

Darjiling.

Genus **Caviria.**

1064. CAVIRIA CYGNA.

Caviria cygna, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus **Locharna.**

1065. LOCHARNA STRIGIPENNIS.

Locharna strigipennis, Moore, Descr. Ind. Lep. Atk. i, p. 53, pl. 3, fig. 11, (1879.

Khasi Hills.

Genus **Penora.**

1066. PENORA SILHETICA.

Penora silhetica, Walker, Cat. Lep. Het. B. M, xxxii, p. 341, (1865).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

1067. PENORA VENOSA.

Penora venosa, Walker, Cat. Lep. Het. B. M. iv, p. 822, (1855).
——————Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 1, (1881).

N. India.

Genus **Procodeca.**

1068. PROCODECA ANGULIFERA.

Prorodeca (sic) *angulifera*, Walker iv, p. 919, (1855).

I. M., Mergui (Anderson).

1069. PROCODECA TESTACEA.

Procodeca testacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.

Bengal.

Genus **Echlida.**

1070. ECHLIDA SUBJECTA.

Echlida subjecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 387, (1865).

S. India.

Genus **Bazisa.**

1071. BAZISA DETECTA.

Bazisa detecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 399, (1865).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.

Genus **Stilpnotia.**

1072. STILPNOTIA OCHRIPES.

Stilpnotia ochripes, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).

Darjiling.

1073. STILPNOTIA SERICEA.

Stilpnotia sericea, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).
Charala sericea, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Mussooree, Darjiling.

1074. STILPNOTIA SORDIDA.

Stilpnotia sordida, Walker, Cat. Lep. Het. B. M. vii, p. 1732, (1856).

Sylhet.

Genus **Repena.**

1075. REPENA CERVINA.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).

E. Indies.

Genus **Patana.**

1076. PATANA DISPAR.

Patana dispar, Walker, Cat. Lep. Het. B. M. iv, p. 820, (1855).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

E. Indies, Calcutta.

Genus **Harapa.**

1077. HARAPA TESTACEA.

Harapa testacea, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 15, (1879).

Darjiling.

Genus **Caragola.**

1078. CARAGOLA COSTALIS.

Caragola costalis, Moore, Descr. Ind. Lep. Atk. i, p. 46, pl. 2, fig. 21, (1879).

Darjiling.

Genus **Cadrusia.**

1079. CADRUSIA VIRESCENS.

Cadrusia virescens, Moore, Descr. Ind. Lep. Atk. i, p. 54, pl. 3, fig. 16, (1879).

I. M., Shillong.
Also recorded from Darjiling.

Genus **Trichia.**

1080. TRICHIA EXIGUA.

Trichia exigua, Nietner, Enemies of Coffee, Ceylon, p. 20, (1861).*
——————— Moore, Lep. Ceyl. ii, p. 100, (1882).

Ceylon.

Genus **Trisuloides.**

1081. TRISULOIDES CATOCALINA.

Trisuloides catocalina, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.

Darjiling.

1082. TRISULOIDES SERICEA.

Trisuloides sericea, Butler, Ann. Nat. Hist. (5), vii, p. 36, (1881).

Shillong, Darjiling.

Genus **Barhona.**

1083. BARHONA CARNEOLA.

Barhona carneola, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).

Collection Swinhoe, Darjiling.

Genus **Dura.**

1084. DURA ALBA.

Dura alba, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).

Darjiling.

Genus **Caltura.**

1085. CALTURA ALBA.

Caltura alba, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.
——————— Lep. Ceyl. ii, p. 98, pl. 114, figs. 2, 2*a*, 2*b*, (1882).

Collection Swinhoe, Ceylon.

Genus **Daplasa.**

1086. DAPLASA IRRORATA.

Daplasa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 2, fig. 17, (1879).

Darjiling.

Genus **Bembina.**

1087. BEMBINA APICALIS.

Bembina apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 505, (1865).
——————— Moore, Lep. Ceyl. ii, p. 88, pl. 111, fig. 5, (1882).

Ceylon.

Genus **Kanchia.**

1088. KANCHIA SUBVITREA.

Leucoma subvitrea, Walker, Cat. Lep. Het. B. M. xxxii, p. 344, (1865).
Kanchia subvitrea, Moore, Lep. Ceyl. ii, p. 93, pl. 113, fig. 5, (1882).

Collection Swinhoe, Ceylon.
Also recorded from India.

Genus **Amsacta.**

1089. AMSACTA TENEBROSA.

Amsacta tenebrosa, Walker, Cat. Lep. Het. B. M. vii, p. 1725, (1856); and xxxii, p. 338, (1865).

N. India, Ceylon.

Genus **Psalis.**

1090. PSALIS SECURIS.

Psalis securis, Hübner, Zuträge, Samml. Exot Schmett. iii, 9, 146, figs. 291-92, (1823).*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. 14, figs. 12, 12*a*, (1859).
———— Lep. Ceyl. ii, p. 95, pl. 115, figs. 1, 1*a*, (1882).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.
———— Swinhoe, Proc Zool. Soc. Lond 1886, p. 438.
Arestha antica, Walker, Cat. Lep. Het. B. M. iv, p. 805, (1855).
Drepana securis, Walker, *loc. cit.* vii, p. 1762, (1856).
Rigema falcata, Walker, *loc. cit.* xxxii, p. 437, (1865).
Anticyra approximata, Walker, *loc. cit.*, p. 440 (1865).

I. M., Kulu (purchased).
Collection Swinhoe; Ceylon, Mhow, Bisnaggar, Guzerat.
Also recorded from Java.

FAMILY BOMBYCIDÆ.

Genus **Trilocha.**

1091. TRILOCHA ALBICOLLIS.

Naprepa albicollis, Walker, Journ. Linn. Soc. Lond. vi, p. 171, (1862).
———— Cat. Lep. Het. B. M. xxxii, p. 488, (1865).
Trilocha albicollis, Forsayeth, Trans. Ent. Soc. Lond. (1884), p. 408, pl. 15, figs. 10, 10*a*.

Mhow, Borneo.

1092. TRILOCHA CERVINA.

Naprepa cervina, Walker, Cat. Lep. Het. B. M. xxxii, p. 489, (1865).

India.

1093. TRILOCHA VARIANS.

Naprepa varians, Walker, Cat. Lep. Het. v, p. 1153, (1855).
Trilocha varians, Moore, Cat. Lep. Mus. E. I. C. ii, p. 382, pl. 11*a*, fig. 6, (1859).
——————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 331, pl. 19, figs. 1-2, (1864-66).
——————— Moore, Wardle's Wild Silks of India, p. 4, (1881).
———————Lep. Ceyl. ii, p. 136, pl. 133, figs. 1, 1*a*, 1*b*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302.
———————Proc. Zool. Soc. Lond. 1886, p. 440.

Collection Swinhoe, Mhow, Satara, Poona, Bombay.
Also recorded from Ceylon, Hongkong.

Genus **Bombyx.**

1094. BOMBYX ARRACANENSIS.

Bombyx arracanensis, Hutton, Trans. Ent. Soc. Lond (3) ii, p. 313, (1864-66).
——————— Moore, Wardle's Wild Silks of India, p. 3, (1881),

Arracan.

1095. BOMBYX CRŒSI.

Bombyx crœsi, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 312, (1864-66).
——————— Moore, Wardle's Wild Silks of India, 1881, p. 3.
——————— Proc. Zool. Soc. Lond. 1867, p. 683.

Bengal.
Known as "Nistry," "Madrassee," "Small Pat," and "Monthly Silkworm."

1096. BOMBYX FORTUNATUS.

Bombyx fortunatus, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. (312), pl. 19; fig. 3, (1864-66).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
——————— Wardle, Wild Silks of India, p. 3, (1881).

Bengal.
Known as the "Dassi Silkworm."

1097. BOMBYX LUGUBRIS.

Noctua lugubris, Drury, Exot. Ins. iii, p. 28, pl. 21, fig. 5, (1782).
Bombyx lugubris,——Ed. Westw., pl. 21, fig. 5, (1837).*
Bombyx penthica, Hübn. Verz. Bek. Schmett, p. 191, (1816).

Madras.

1098. BOMBYX MORI.

Phalæna mori, Linn., Syst. Nat. ii, p. 817, 33, (1767).
Bombyx mori, Fabr., Sp. Ins. ii, p. 180, 57, (1781).
———— Hübn., Verz. Bek. Schmett., p. 191, (1816).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1505, (1855).
———— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 303, pl. 19, figs. 7-8, (1864-66).
———— Moore, Wardle's Wild Silks of India, p. 3, (1881).

N. China, Cashmere, Persia, Syria, Europe.
Known as the "Annual" or "Cashmere Worm."

1099. BOMBYX SINENSIS.

Bombyx sinensis, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 313, (1864-66).
————- Moore, Wardle's Wild Silks of India, p. 3, (1881).

China, Bengal.
Known as the "Sina" or "Cheena Monthly Worm."

1100. BOMBYX TEXTOR.

Bombyx textor, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 309, (1864-66).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
————Wardle's Wild Silks of India, p. 3, (1881).

Bengal, China.
Known as "Boropooloo," or "Pat Major."

Genus **Theophila.**

1101. THEOPHILA AFFINIS.

Bombyx affinis, Hutton, Geoghegan's "Silk in India," Appendix A, p. 3, (1871).
————Journ. Agri.-Hort. Soc. India, N. S. iii, p. 131, (1872).

1102. THEOPHILA BENGALENSIS.

Bombyx bengalensis, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 322, pl. 19, fig. 5, (1864-66).
Theophila bengalensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 4, (1881).

Bengal.

1103. THEOPHILA HUTTONI.

Bombyx huttoni, Westw., Cat. Or. Ent. p. 26, pl. 12, fig. 4, (1848).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 379, (1859).
———— Hutton, Trans. Ent. Soc. Lond, 3, ii, p. 318, pl. 19, fig. 4, (1864-66).
Theophila huttoni, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

I. M. No locality (Hutton?), Sikkim (purchased).
Collection Swinhoe, Simla.
Also recorded from Mussooree.

1104. THEOPHILA RELIGIOSA.

Bombyx religiosa, Helfer, Journ. As. Soc. Beng. vi, 41, 3, pl. 6, (1837).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1855).
———— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 325.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Theophila religiosa, Moore, Wardle's Wild Silks of India, p. 4, (1881).

E. Indies.

1105. THEOPHILA SHERWILLI.

Bombyx sherwilli, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324, (1864-66).
Theophila sherwilli, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 4, (1881).

India.

Genus **Hanisa.**

1106. HANISA SUBNOTATA.

Bombyx subnotata, Walker, Journ. Linn. Soc. Lond. iii, p. 188, (1859).
———— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324 (1864-66).
Hanisa subnotata, Moore, Proc. Zool. Soc. Lond. 1879, p. 406.

India, Singapore.

Genus **Primosticta.**

1107. PRIMOSTICTA FENESTRATA.

Primosticta fenestrata, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).
———— Ill. Typ. Lep. Het. B. M. vi, p. 20, pl. 106, fig. 5, (1886).

Darjiling.

Genus **Ocinara.**

1108. OCINARA COMMA.

Ocinara comma, Hutton, Trans. Ent. Soc. Lond (3) ii, p. 330, (1864-66).

I. M., Dehra Dhun (Hutton ?).

1109. OCINARA DIAPHANA.

Ocinara diaphana, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).
————Wardle's Wild Silks of India, p. 4, (1881).

Khasi Hills.

1110. OCINARA LACTEA.

Ocinara lactea, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 328, pl. 19, fig. 6, (1864-66).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 3, (1881).

I. M. No locality (Hutton?), Kulu (purchased).
Collection Swinhoe, Simla.

1111. Ocinara moorei.

Ocinara moorei, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 326, (1864-66).
———— Moore, Wardle's Wild Silks of India, p. 4, (1881).

India.

Genus **Aristhala.**

1112. Aristhala sikkima.

Aristhala sikkima, Moore, Proc. Zool. Soc. Lond. 1879, p. 406, pl. 33, fig. 3.

Darjiling.

1113. Aristhala thwaitesii.

Aristhala thwaitesii, Moore, Lep. Ceyl. ii, p. 136, pl. 133, fig. 2, (1882).

Ceylon.

Family NOTODONTIDÆ.

Sub-family CAREINÆ.

Genus **Sybrida.**

1114. Sybrida inordinata.

Sybrida inordinata, Walker, Cat. Lep. Het. B. M. xxxii, p. 466, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 8, (1886).

Darjiling.

Genus **Torona.**

1115. Torona ferrifera.

Torona ferrifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 468, (1865).

India.

Genus **Arunda.**

1116. Arunda opponens.

Arunda opponens, Walker, Cat. Lep. Het. B. M. xxxii, p. 467, (1865).

S. India.

Genus **Dabarita.**

1117. Dabarita icterica.

Dabarita icterica, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439, pl. 40, fig. 8.

Collection Swinhoe, Mhow.

1118. DABARITA SUBTILIS.

Dabarita subtilis, Walker, Cat. Lep. Het. B. M. x, p. 479, (1856).
———— Moore, Lep. Ceyl. ii, p. 117, pl. 123, figs. 3, 3*a*, (1882).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 408, pl. 14, figs. 4-4*b*.
———— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, figs. 6, 7, (1886).

I. M., Calcutta (deNiceville), Andaman Is. (purchased).
Collection Swinhoe, Sikkim.
Also recorded from N. India, Ceylon, and Java.

Genus **Brada.**

1119. BRADA TRUNCATA.

Brada truncata, Walker, Cat. Lep. Het. B. M. xv, p. 1666, (1858).
———— Moore, Lep. Ceyl. ii, p. 118, pl. 122, figs. 2, 2*a*, 2*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from Ceylon.

Genus **Carea.**

1120. CAREA OBSOLESCENS.

Carea obsolescens, Trans. Ent. Soc. Lond. 1884, p. 356.

Bombay, Coonoor.

1121. CAREA VARIPES.

Carea varipes, Walker, Cat. Lep. Het. B. M. x, p. 475, (1856).
———— Moore, Lep. Ceyl. ii, p. 116, pl. 123, figs. 1, 1*a*, (1882).
Chora curvifera, Walker, Journ. Linn. Soc. Lond. vi, p. 188, (1862).
Dabarita rhodophila, Walker, Cat. Lep. Het. B. M. xxxiii, p. 718, (1865).

I. M., Sibsagar (Peal).
Also recorded from Ceylon, Malacca, Sarawak and Java.

Genus **Elydna.**

1122. ELYDNA TRANSVERSA.

Elydna transversa, Walker, Cat. Lep. Het. B. M. xv, p. 1713, (1858).

India.

SUB-FAMILY DICRANURINÆ.

Genus **Cerura.**

1123. CERURA DAMODARA.

Cerura damodara, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

1124. CERURA HIMALAYANA.

Cerura himalayana, Moore, MS.

Collection Swinhoe, Himalayas.

1125. CERURA PRASANA.

Cerura prasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

Genus **Harpyia.**

1126. HARPYIA KANDYIA.

Harpyia kandyia, Moore, Lep. Ceyl. ii, p. 108, pl. 120, figs. 1, 1*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

1127. HARPYIA LITURATA.

Cerura liturata, Walker, Cat. Lep. Het. B. M. v, p. 988, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, (1859).
Dicranura argentea, Felder, Reise Novara, pl. 96, fig. 6, (1864-75).
Harpyia liturata, Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 7, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal), Akra (Cleghorn), Goalpara.
Collection Swinhoe, Sylhet, Sibsagar.
Also recorded from Madras.

Genus **Stauropus.**

1128. STAUROPUS ALBESCENS.

Stauropus albescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Collection Swinhoe, Bombay.
Also recorded from South India.

1129 STAUROPUS ALTERNUS.

Stauropus alternus, Walker, Cat. Lep. Het. B. M. v, p. 1020, (1855).
——————— Moore, Cat. Lep Mus. E. I. C. ii, p. 371, pl. 18, figs. 4, 4*a*, (1859).
——————— Lep. Ceyl. ii, p. 109, pl. 119, figs. 1, 1*a*, 1*b*, (1882).

Collection Swinhoe, Simla.
Also recorded from Sylhet, Kanara, Ceylon, and Java.

1130. STAUROPUS APICALIS.

Stauropus apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).

Darjiling.

1131. STAUROPUS INDICUS.

Stauropus indicus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

N.-E. Bengal.

1132. STAUROPUS SIKKIMENSIS.

Stauropus sikkimensis, Moore, Proc. Zool. Soc. Lond. 1865, i, p. 811, pl. 43, fig. 5.

Darjiling.

1133. STAUROPUS VINACEUS.

Stauropus vinaceus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404, pl. 33, fig. 1.

India.

1134. STAUROPUS VIRESCENS.

Stauropus virescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Darjiling.

SUB-FAMILY NOTODONTINÆ.

Genus **Anticyra**.

1135. ANTICYRA COMBUSTA.

Anticyra combusta, Walker, Cat. Lep. Het. B. M. v, p. 1092, (1855).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 432, pl. 13*a*, fig. 5, and pl. 23, figs. 3, 3*a*, (1859).
Dinara lineolata, Walker, *loc. cit.*, vii, p. 1700, (1856).

Collection Swinhoe, Java, Karachi, Poona.
Also recorded from the Philippine Is.

Genus **Antheua**.

1136. ANTHEUA DISCALIS.

Antheua discalis, Walker, Cat. Lep. Het. B. M. iii, p. 767, (1855).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 431, pl. 13*a*, fig. 4, and pl. 23, figs. 2, 2*a*, (1859).
——— Butler, Ill. Typ. Lep. Het. vi, p. 12, pl. 104, figs. 2-3, (1886).
——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Sibsagar (Peal), Kulu (purchased), Cherra.
Collection Swinhoe, Simla, Nilgiri Hills, Mhow, Bombay, Ceylon.
Also recorded from Moulmein, Burma, and Java.

1137. ANTHEUA EXANTHEMATA.

Antheua exanthemata, Moore, Lep. Ceyl. ii, p. 111, pl. 119, fig. 2, (not pl. 104,) (1882).

Ceylon.

Genus **Chadisra**.

1138. CHADISRA BIPARS.

Chadisra bipars, Walker, Trans. Ent. Soc. Lond. (3), i, p. 82, (1862-64).
——— Cat Lep. Het. B. M. xxxii, p. 441, (2865).

India.

Genus **Sphetta.**

1139. SPHETTA APICALIS.

Sphetta apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 457, (1865).
———— Moore, Lep. Ceyl. ii, p. 114, pl. 121, figs. 2, 2*a*, (1882).

Ceylon.

1140. SPHETTA BIOCELLATA.

Sphetta biocellata, Moore, Proc. Zool. Soc. Lond. 1879, p. 405.

Bombay.

1141. SPHETTA MOOREI.

Sphetta apicalis, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1879, p. 405, pl. 33, fig. 7.

Darjiling.

Genus **Besaia.**

1142. BESAIA RUBIGINEA.

Besaia rubiginea, Walker, Cat. Lep. Het. B. M. xxxii, p. 459, (1865).
———— Butler, Ill. Typ. Lep. Het. vi, p. 22, pl. 104, fig. 10, (1886.)

India.

Genus **Ceira.**

1143. CEIRA BASISTRIGA.

Ceira basistriga, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).

Darjiling.

1144. CEIRA DECURRENS.

Ceira decurrens, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).

Cherrapunji.

1145. CEIRA JUNCTURA.

Ceira juncturа, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).

Darjiling.

1146. CEIRA METAPHÆA.

Ceira metaphæa, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).
———— Moore, Lep. Ceyl. ii, p. 112, pl. 119, fig. 3, (1882)

Ceylon.

1147. CEIRA OCHRACEA.

Ceira ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).

Darjiling.

1148. CEIRA POSTICA.

Ceira postica, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).

Darjiling.

Genus **Niganda**.

1149. NIGANDA ALBISTRIGA.

Niganda albistriga, Moore, Descr. Ind. Lep. Atk. i. p. 64, (1879).
Darjiling.

1150. NIGANDA AURATA.

Niganda aurata, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).
Collection Swinhoe, Darjiling.
Also recorded from Khasi Hills.

1151. NIGANDA DIVISA.

Niganda divisa, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).
Darjiling.

1152. NIGANDA SIKKIMA.

Niganda sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).
Darjiling.

1153. NIGANDA STRIGIFASCIA.

Niganda strigifascia, Moore, Descr. Ind. Lep. Atk. i, p. 63, pl. 3, fig. 15, (1879).
Darjiling.

Genus **Celeia**.

1154. CELEIA AURITRACTA.

Celeia auritracta, Moore, Proc. Zool. Soc. Lond. 1865, p. 811.
N.-E. Bengal.

1155. CELEIA DISRUPTA.

Celeia disrupta, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).
Darjiling.

1156. CELEIA PLUSIATA.

Celeia plusiata, Walker, Cat. Lep. Het. B. M. xxxii, p. 463, (1865).
Kanara.

1157. CELEIA SIKKIMA.

Celeia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 63, (1879).
Darjiling.

Genus **Paravetta**.

1158. PARAVETTA DISCINOTA.

Paravetta discinota, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl 43. fig. 3.
Darjiling.

1159. Paravetta sikkima.

Paravetta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).

Darjiling.

Genus **Anodonta.**

1160. Anodonta pulcherrima.

Anodonta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl. 43, fig. 4.

N.-E. Bengal.

Genus **Lophopteryx.**

1161. Lophopteryx argentata.

Lophopteryx argentata, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
——————— Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*

Darjiling.

1162. Lophopteryx ferruginosa.

Lophopteryx ferruginosa, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
——————— Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*

Darjiling.

1163. Lophopteryx flavistigma.

Lophopteryx flavistigma, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).

Darjiling.

1164. Lophopteryx saturata.

Lophopteryx saturata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865), and xxxv, p. 1929, (1866).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 1, (1886).

I. M., Darjiling.

Genus **Drymonia.**

1165. Drymonia denotata.

Drymonia denotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 414, (1865).

N. India.

Genus **Cetola.**

1166. Cetola dentata.

Cetola dentata, Walker, Cat. Lep. Het. B. M. v, p. 1016, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 48.

Collection Swinhoe, Mhow.
Also recorded from Nepal.

Genus **Heterocampa.**

1167. HETEROCAMPA ARGENTIFERA.

Heterocampa argentifera, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
——————— Walker, Cat Lep. Het. B. M. xxxv, p. 1930, (1866).

Collection Swinhoe, Darjiling.

1168. HETEROCAMPA BASALIS.

Heterocampa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

1169. HETEROCAMPA BRUNNEA.

Heterocampa brunnea, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).

Darjiling.

1170. HETEROCAMPA IRRORATA.

Heterocampa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).

Darjiling.

1171. HETEROCAMPA MACULATA.

Heterocampa maculata, Moore, Descr. Ind. Lep. Atk i, p. 60, (1879).
——————— Waterhouse, Aid. ii, pl. 132, fig. 6, (1883).*

Collection Swinhoe, Darjiling.

1172. HETEROCAMPA OBLIQUIPLAGA.

Heterocampa obliquiplaga, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

1173. HETEROCAMPA PLAGIVIRIDIS.

Heterocampa plagiviridis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

1174. HETEROCAMPA SIKKIMA.

Heterocampa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 930, (1865).

Darjiling.

1175. HETEROCAMPA VARIEGATA.

Heterocampa variegata, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

Genus **Cleapa.**

1176. CLEAPA LATIFASCIA.

Cleapa latifascia, Walker, Cat. Lep. Het. B. M. v, p. 1037, (1855).

E. Indies.

Genus **Gluphisia.**

1177. GLUPHISIA INDICA.

Gluphisia indica, Walker, Cat. Lep. Het. B. M. v, p. 1039, (1855).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

Collection Swinhoe, Simla, Dharmsala.

1178. GLUPHISIA SINUATA.

Gluphisia sinuata, Moore, Proc. Zool. Soc. Lond., 1879, p. 405.

N.-E. Bengal.

Genus **Damata.**

1179. DAMATA LONGIPENNIS.

Damata longipennis, Walker, Cat. Het. B. M. v, p. 1044, (1855).
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 24, pl. 106, fig. 10, (1886).

I. M., Darjiling.
Collection Swinhoe, Sikkim.

Genus **Nerice.**

1180. NERICE PALLIDA.

Nerice pallida, Walker, Cat. Lep. Het. B. M. v, p. 1077, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Nepal.

Genus **Apela.**

1181. APELA DIVISA.

Apela divisa, Walker, Cat. Lep. Het. B. M. v, p. 1093, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Nepal.

Genus **Pydna.**

1182. PYDNA FASCIATA.

Pydna fasciata, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).

Darjiling.
Allied to *P. testacea*.

1183. PYDNA INDICA.

Pydna indica, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).

Calcutta.

1184. PYDNA TESTACEA.

Pydna testacea, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).

India.

Genus **Bireta.**

1185. BIRETA GALBANA.

Bireta galbana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Mhow.

1186. BIRETA LONGIVITTA.

Bireta longivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).

Collection Swinhoe, Simla, Sikkim.

1187. BIRETA XANTHOPHILA.

Menapia xanthophila, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 1, (1886).

N. India.
I. M., specimens with no history.

Genus **Dudusa.**

1188. DUDUSA SPHINGIFORMIS.

Dudusa sphingiformis, Moore, Proc. Zool. Soc. Lond. 1872, p. 577, pl. 34, fig. 1.

I. M., Sikkim (purchased).

Genus **Nadata.**

1189. NADATA NIVEICEPS.

Trabala niveiceps, Walker, Cat. Lep. Het. B. M. xxxii, p. 554, (1865).
Nadata niveiceps, Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 8, (1886).

N. India.

Genus **Notodonta.**

1190. NOTODONTA BASALIS.

Notodonta basalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

Darjiling.

1191. NOTODONTA EJECTA.

Notodonta ejecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 411, (1865).
——————— Moore, Lep. Ceyl. ii, p. 112, (1882).

Ceylon.

1192. NOTODONTA SIKKIMA.

Notodonta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 68, (1879).

Darjiling.

Genus **Ichthyura.**

1193. ICHTHYURA ARGENTEA.

Ichthyura argentea, Butler, Ill. Typ. Lep. Het B. M. vi, p. 24, pl. 102, fig. 12, (1886).

Darjiling.

1194. ICHTHYURA FERRUGINEA.

Ichthyura ferruginea, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

N.-E. Bengal.

1195. ICHTHYURA FULGURITA.

Ichthyura fulgurita, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).

I. M., Calcutta.
Collection Swinhoe, Dharmsala.
Also recorded from South India and Shanghai.

1196. ICHTHYURA INDICA.

Ichthyura indica, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

Bengal.

1197. ICHTHYURA RESTITURA.

Ichthyura restitura, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).
——————— Moore, Lep. Ceyl. ii, p. 115, pl. 122, figs. 1, 1*a*, 1*b*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Subathoo, Mhow, Poona.
Also recorded from Ceylon.

Genus **Ingura.**

1198. INGURA CRISTATRIX.

Ingura cristatrix, Guen., Noct. iii, p. 313, 1122.*
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

Andaman Is.

1199. INGURA SUBAPICALIS.

Abrostola, subapicalis, Walker, Cat. Lep Het. B. M. xii, p. 883, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Ingura recurrens, Walker, *loc. cit.*, xv, p. 1779, (1858).
Ingura subapicalis, Butler, Proc. Zool. Soc. Lond. (1883), p. 157.

Collection Swinhoe, Simla, Darjiling, Karachi.
Also recorded from Solun and Calcutta.

Genus **Ptilophora.**

1200. PTILOPHORA KASHGHARA.

Ptilophora kashghara, Moore, Ann. Nat. Hist. (5), i, p. 231, (1878).
——————————— 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 19, (1879).

Kashgar.

Genus **Tarsolepis.**

1201. TARSOLEPIS FULGURIFERA.

Crino fulgurifera, Walker, Cat. Lep. Het. B. M. xiv, p. 1347, (1857).
Tarsolepis fulgurifera, Butler, Ill. Typ. Lep. Het. vi, p. 23, pl. 106, fig. 9, (1886).

N. India.

Genus **Rosama.**

1202. ROSAMA PLUSIOIDES.

Rosama plusioides, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).

Darjiling.

Genus **Spatalia.**

1203. SPATALIA GEMMIFERA.

Spatalia gemmifera, Moore, Descr. Ind. Lep. Atk. i, p. 62, pl. 3, fig. 14, (1879).

I. M., Sikkim (purchased).

Genus **Hoplitis.**

1204. HOPLITIS STRIGATA.

Hoplitis strigata, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 13, (1879).

Kanara.

Genus **Pheosia.**

1205. PHEOSIA ALBIFASCIA.

Pheosia albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.

1206. PHEOSIA BASALIS.

Pheosa (sic) *basalis*, Moore, Lep. Ceyl. ii, p. 113, pl. 121, figs. 1, 1*a*, (1882).

Ceylon.

1207. PHEOSIA COSTALIS.

Pheosia costalis, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.

1208. PHEOSIA SIKKIMA.

Pheosia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.

Genus **Rachia.**

1209. RACHIA PLUMOSA.

Rachia plumosa, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).
——————— Proc. Zool. Soc. Lond. 1879, p. 405, pl. 34, fig. 1.

Darjiling.

Genus **Danaka.**

1210. DANAKA PYRALIFORMIS.

Danaka pyraliformis, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 3, fig. 10, (1879).

Darjiling.

Genus **Beara.**

1211. BEARA CASTANEA.

Beara castanea, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 2, fig. 9, (1879).

Darjiling.

1212. BEARA DICHROMELLA.

Beara dichromella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1703, (1866).
——————— Moore, Lep. Ceyl. ii, p. 115, pl. 123, figs, 2, 2*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Moma.**

1213. MOMA CHAMPA.

Moma champa, Moore, Proc. Zool. Soc. Lond. 1879, p. 403, pl. 33, fig. 2.

Collection Swinhoe; Kasauli.
Also recorded from Dharmsala.

Genus **Oxicesta.**

1214. OXICESTA MARMOREA.

Oxicesta marmorea, Moore, 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 17, (1879).

I. M., Yarkand.

Genus **Netria.**

1215. NETRIA VIRIDESCENS.

Netria viridescens, Walker, Cat. Lep. Het. B. M. vi, p. 1504, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 372, pl. 11*a*, fig. 3, (1859).
——————— Lep. Ceyl. ii, p. 110, pl. 120, figs. 2, 2*a*, (1882).

Ceylon, Java.

Genus **Baradesa.**

1216. BARADESA LITHOSIOIDES.

Baradesa lithosioides, Moore, Proc. Zool. Soc. Lond. 1883, p. 17, pl. 5, fig. 2.

I. M., Sikkim (purchased), Sylhet.
Collection Swinhoe; Sikkim.

Genus **Zaranga.**

1217. ZARANGA PANNOSA.

Zaranga pannosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Collection Swinhoe, Simla.
Also recorded from Umballa.

SUB-FAMILY CALPINÆ.

Genus **Calpe.**

1218. CALPE BICOLOR.

Calpe bicolor, Moore, Proc. Zool. Soc. Lond. 1883, p. 19.
———— Waterhouse, Aid, iii, pl. 150, fig. 4.*

Punjab.
Allied to *C. ophideroides.*

1219. CALPE FASCIATA.

Calpe fasciata, Moore, Ind. Lep. Atk. ii, p. 151, (1882).
Hypocalpe fasciata, Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

Collection, Swinhoe, Simla, Sikkim, Bombay.
Also recorded from Solun.

1220. CALPE MINUTICORNIS.

Calpe minuticornis, Guen., Noct. ii, p. 374, (1852).*
———— Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
———— Lep. Ceyl. iii, p. 78, pl. 153, figs. 3, 3*a*, (1884).
———— Proc. Zool. Soc. Lond. 1883, p. 19.

Collection Swinhoe, Darjiling.
Also recorded from Java, Bombay, Ceylon.

1221. CALPE OPHIDEROIDES.

Calpe ophideroides, Guen., Noct. ii, p. 374, (1852).*
———— Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).

Also recorded from Nepal, Landaur, Singapore.
Collection Swinhoe, Simla.

1222. Calpe orthograpta.

Calpe orthograpta, Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 2, (1886).

I. M., Darjiling (purchased).

Genus **Gadera.**

1223. Gadera incitans.

Gadera incitans, Walker, Cat. Lep. Het. B. M. xii, p. 964, (1857).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, fig. 5, (1886).

N. India.

Genus **Oræsia.**

1224. Oræsia argyrosigna.

Oræsia argyrosigna, Moore, Lep. Ceyl. iii, p. 77, pl. 153, fig. 4, (1884).

Ceylon.

1225. Oræsia emarginata.

Noctua emarginata, Fabr., Ent. Syst. iii, 2, p. 82, 240, (1794).
Oræsia emarginata, Guen., Noct. ii, p. 363, 1203, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 76, pl. 153, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301; and 1886, p. 439.
——————— Proc. Zool. Soc. Lond. 1886, p. 438.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 26, pl. 107, fig. 4, (1886)
Oræsia alliciens, Walker, *loc. cit.*, p. 945, (1857).
Oræsia tentans, Walker, *loc. cit.*

I. M., Darjiling, Ceylon (Colombo Museum).
Collection Swinhoe, Simla, Sylhet, Mhow, Poona, Bombay, Ceylon.
Also recorded from China.

1226. Oræsia provocans.

Oræsia provocans, Walker, Cat. Lep Het. B. M. xii. p. 943, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Sylhet, S. Africa.

1227. Oræsia rectistria.

Oræsia rectistria, Guen., Noct. ii, p. 363, 1204, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).
——————— Moore, Proc. Zool. Soc. Lond 1867, p. 63.

Collection Swinhoe, Sylhet.

1228. ORÆSIA VAGABUNDA.

Oræsia vagabunda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 5.

Collection Swinhoe, Karachi.

Genus **Cyphanta.**

1229. CYPHANTA XANTHOCHLORA.

Cyphanta xanthochlora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 856, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 25, pl. 107, fig. 3, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Arsacia.**

1230. ARSACIA FRONTIRUFA.

Arsacia frontirufa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, pl. 20. fig. 12.

Bombay.

1231. ARSACIA SATURATALIS.

Arsacia saturatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1260, (1865).
Arsacia saturalis, Moore, Lep. Ceyl. iii, p. 78, pl. 152, fig. 8, (1884).

Ceylon.

Genus **Culasta.**

1232. CULASTA INDECISA.

Culasta indecisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 377.
——————— Descr. Ind. Lep. Atk. ii, p. 151, (1882).

Collection Swinhoe, Bombay, Satara.
Also recorded from Madras and Benares.

Genus **Ambadra.**

1233. AMBADRA ERNESTINA.

Corma ernestina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 20, fig. 2.

Collection Swinhoe, Bombay.

Family DREPANULIDÆ.

Genus **Thymistada.**

1234. Thymistada tripunctata.

Thymistada tripunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 515, (1865).

Ilidia.

Genus **Drepana.**

1235. Drepana albonotata.

Drepana albonotata, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).

Collection Swinhoe, Sikkim.
Also recorded from Parisnath.

1236. Drepana biocularis.

Drepana biocularis, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 9, (1879).

Darjiling.

1237. Drepana duplexa.

Drepana duplexa, Moore, Proc. Zool. Soc. Lond. 1865, p. 816, pl. 43, fig. 8.

Darjiling.

1238. Drepana flava.

Drepana flava, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 7, (1879).

Darjiling.

1239. Drepana pallida.

Drepana pallida, Moore, Descr. Ind. Lep. Atk. i, p. 84, (1879).

Darjiling.

1240. Drepana patrana.

Drepana patrana, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.

Darjiling.

1241. Drepana postica.

Drepana postica, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 8, (1879).

Darjiling.

1242. Drepana sadana.

Drepana sadana, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Darjiling.

1243. Drepana specularis.

Drepana specularis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407.
——————— Lep. Ceyl. ii, p. 120, pl. 124, fig. 2, (1882).
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 18, pl. 106, fig. 3, (1886).

Darjiling, Ceylon.

1244. Drepana vinacea.

Drepana vinacea, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).

Darjiling.

1245. Drepana vira.

Drepana vira, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Collection Swinhoe, Simla, Darjiling.

Genus **Oreta**.

1246. Oreta extensa.

Oreta extensa, Walker, Cat. Lep. Het. B. M. v, p. 1166, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 370, pl. 11*a*, fig. 2; and pl. 18, fig. 3, (1859).
———————Proc. Zool. Soc. Lond. 1867, p. 683.
———————Lep. Ceyl. ii, p. 119, pl. 124, figs. 3, 3*a*, (1882).
Oreta suffusa, Walker, *loc. cit.*, p. 1167, (1855).

Collection Swinhoe, Simla.
Also recorded from Java and Ceylon.

1247. Oreta obtusa.

Oreta obtusa, Walker, Cat. Lep. Het. B. M. v, p. 1167, (1855).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Sylhet.

1248. Oreta pavica.

Oreta pavica, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

1249. Oreta sanguinea.

Oreta sanguinea, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).

Collection Swinhoe, Darjiling.

1250. Oreta vatama.

Oreta vatama, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.

Darjiling.

Genus **Lonomia.**

1251. LONOMIA VITTIPALPIS.

Lonomia vittipalpis, Walker, Char. Undescr. Lep. Het. 1869, p. 90.

Benares.

Genus **Callidrepana.**

1252. CALLIDREPA NAOCHREA.

Callidrepana ochrea, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, fig. 10, (1886).

Darjiling.

Genus **Agnidra.**

1253. AGNIDRA DISCISPILARIA.

Agnidra discispilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Bengal.

1254. AGNIDRA MUSCULARIA.

Fascellina muscularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1554, (1866).
Agnidra muscularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 619, pl. 32, fig. 2.

N. India.

1255. AGNIDRA SPECULARIA.

Fascellina specularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1553, (1866).
Agnidra specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618, pl. 32, fig. 2.
——— Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, figs. 11, 12, (1886).

Darjiling.

1256. AGNIDRA USTA.

Agnidra usta, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 106, fig. 2, (1886).

Darjiling.

Genus **Auzata.**

1257. AUZATA SEMIPAVONARIA.

Auzata semipavonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1620, (1862).
——— Butler, Ill. Typ. Lep. Het. vi, p. 18, pl. 106, fig. 1, (1886).

Collection Swinhoe, Simla.

Genus **Macrocilix.**

1258. MACROCILIX MYSTICATA.

Argyris mysticata Walker, Cat. Lep. Het. B. M. xxvi, p. 1617, (1862).
——— Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 4, (1886).
Macrocilix mysticata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Collection Swinhoe, Dharmsala.
Also recorded from Darjiling.

Genus **Argyris.**

1259. ARGYRIS DELIARIA.

Argyris deliaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1861).

Collection Swinhoe, Simla, Sikkim, Matheran, Khandalla, Ceylon.
Also recorded from Sylhet, Nepal, and Hongkong.

1260. ARGYRIS DELPHIARIA.

Argyris delphiaria, Guen., Phal. ii, p. 14, 911.*
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1864).

Punjab.
Allied to *A. deliaria*.

1261. ARGYRIS EXTRUSATA.

Ephyra extrusata, Walker, Cat. Lep. Het. B. M. xxii, p. 637, (1861).
Argyris extrusata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

Collection Swinhoe, Mhow, Mirzapore, Bombay, Poona.
Also recorded from Ceylon.

1262. ARGYRIS INSIGNATA.

Argyris insignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Bengal.

1263. ARGYRIS OCELLATA.

Argyris ocellata, Herrich Schaff. Eur. Schmett. iii, p. 97, pl. 23, figs. 125, 126.*
———— Walker, Cat. Lep. Het. B. M. xxiii; p. 807, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
———— Journ. As. Soc. Beng. liii, (2), 3, p. 237, (1884).
Caloptera ocellata, Walker, *loc. cit.* vi, p. 1377 (1855).
Argyris ommatoporaria, Guen., Phal. ii, p. 13.*

Bengal, Crete, Syria.

Genus **Cobanilla.**

1264. COBANILLA MARGINATA.

Cobanilla marginata, Moore, Lep. Ceyl. ii, p. 121, pl. 124, fig. 4, (1882).

Ceylon.

FAMILY LIMACODIDÆ.

Genus **Scopelodes.**

1265. SCOPELODES AUROGRISEA.

Scopelodes aurogrisea, Moore, Lep. Ceyl. ii, p. 126, pl. 128, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

1266. Scopelodes palpalis.

Scopelodes palpalis, Walker, Cat. Lep. Het. B. M. v, p. 1105, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, pl. 21, figs. 2, 2*a*, (1859).
Dalcera palpigera, Herr Schaff., Lep. Exot. Nov. Ser. i, fig. 109, (1856).*

Collection Swinhoe, Assam.
Also recorded from Java.

1267. Scopelodes sericea.

Scopelodes sericea, Butler, Ann, Mag. N. H. (5), vi, p. 63, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 6(1886).

I. M., Sikkim (purchased).
Allied to *S. testacea*.

1268. Scopelodes testacea.

Scopelodes testacea, Butler, Ill. Typ Lep. Het. vi, p. 3, pl. 101, fig. 5, (1886).
Scopelodes unicolor, Walker (*nec* Westw.), Cat. Lep. Het. B. M. v, p. 1104, (1855).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet and Moulmein.

1269. Scopelodes ursina.

Scopelodes ursina, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, figs. 7, 8, (1886).

I. M., Sikkim (purchased).
Also recorded from Sylhet.
Allied to *S. vulpina*.

1270. Scopelodes venosa.

Scopelodes venosa, Walker, Cat. Lep. Het. B. M. v, p. 1105.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

1271. Scopelodes vulpina.

Scopelodes vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 22, (1879).

Darjiling.

Genus **Natada**.

1272. Natada basalis.

Natada basalis, Walker, Cat. Lep. Het. B. M. v, p. 1110, (1855).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303, and 1886, p. 439.

Collection Swinhoe, Bombay, Mhow.

1273. NATADA RUFESCENS.

Natada rufescens, Walker, Cat. Lep. Het. B. M. v, p. 1109, (1855).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 10, (1886).

N. India.

1274. NATADA VELUTINA.

Gastropacha velutina, Kollar, Kaschmir Von Hügel, iv, p. 473, (1848).
——————— Walker, Cat. Lep. Het B. M. vi, p. 1394, (1855).
Natada rugosa, Walker, *loc. cit.*, p. 1109, (1855).
Phocoderma, velutina, Butler, Ill. Typ. Lep. Het. vi, p. 4, pl. 102, fig. 1, (1886).

I. M , Sikkim (purchased), Cachar (Wood-Mason).
Collection Swinhoe, Malda, Poona.
Also recorded from Mussooree and Sind.

Genus **Thosea.**

1275. THOSEA CERVINA.

Thosea cervina, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).
——————— Lep. Ceyl. ii, p. 130, pl. 129, figs. 2, 2*a*, (1882).

Ceylon.

1276. THOSEA DUPLEXA.

Thosea duplexa, Moore, Lep. Ceyl. ii, p. 130, pl. 131, fig. 3, (1882).

I. M., Sibsagar.
Also recorded from Ceylon.

1277. THOSEA UNIFASCIA.

Thosea unifascia, Walker, Cat. Lep. Het. B. M. v, p, 1068, (1855).

India.

Genus **Contheyla.**

1278. CONTHEYLA THORACICA.

Contheyla thoracica, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 7, (1879).

Darjiling.

1279. CONTHEYLA VESTITA.

Contheyla vestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 385, (1865).

S. India.

Genus **Parasa.**

1280. PARASA APICALIS.

Limacodes apicalis, Walker, Cat. Lep. Het. B. M. v, p. 1150, (1855).
Parasa apicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet.

1281. Parasa bicolor.

Neæra bicolor, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).
Parasa bicolor, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 11, (1886).

I. M., Calcutta, Sibsagar (Peal).
Collection Swinhoe, Sikkim, N. Canara.

1282. Parasa hilaris.

Limacodes hilaris, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 3, (1848).
Neæra hilaris, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).

Central India.

1283. Parasa isabella.

Parasa isabella, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Bengal.

1284. Parasa læta.

Limacodes læta, Westw., Cab. Or. Ent., p. 50, (1848).
Nyssia læta, Walker, Cat. Lep. Het. B. M. v, p. 1137, (1855).
Parasa retracta, Walker, *loc. cit.*, xxxii, p. 483, (1865).
Parasa læta, Moore, Lep. Ceyl. ii, p. 127, pl. 130, fig. 1, (1882).

I. M., Calcutta (Anderson).
Collection Swinhoe, Canara.
Also recorded from Ceylon.

1285. Parasa laleana.

Parasa laleana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 417, pl. 21, fig. 12, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

1286. Parasa lepida.

Phalæna Noctua lepida, Cramer, Pap. Exot. ii, pl. 130, fig. 2, (1777).
Limacodes graciosa, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 4, (1848).
Neæra graciosa, Walker, Cat. Lep. Het. B. M. v, p. 1139, (1855).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.
Parasa lepida, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, pl. 21, figs. 3*a*, *b*, *c*, *d*, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 684.
———— Lep. Ceyl. ii, p. 127, pl. 128, figs. 2, 2*a*, 2*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303 and 1886, p. 439.

I. M., Calcutta (Anderson, DeNiceville).
Collection Swinhoe, Mhow, Bombay, Ceylon.

1287. PARASA NARARIA.

Parasa nararia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 8, 8*a*, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India.

1288. PARASA PASTORALIS.

Parasa pastoralis, Butler, Ann. Mag. N. H. (5), vi, p. 63, (1880).
————————Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 9, (1886)

Bhotan.

1289. PARASA PUNICA.

Neæra punica, Boisd., Herr Schäff., Lep. Exot. i, fig. 177.*
———— Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).
Parasa punica, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Sylhet.

1290. PARASA REPANDA.

Neæra repanda, Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).
Parasa repanda, Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 5, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal).

1291. PARASA RETRACTATA.

Limacodes retractata, Walker, Cat. Lep. Het. B. M. xxxii, p. 487, (1865) and xxxv, p. 1938, (1866).

Collection Swinhoe, Darjiling.

1292. PARASA SIMILIS.

Letois similis, Felder, Reise Novara, pl. 82, fig. 15, (1864-75).
Parasa similis, Moore, Lep. Ceyl. ii, p. 128, pl. 130, fig. 2, (1882).

Ceylon.

1293. PARASA UNICOLOR.

Parasa unicolor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 7 7*a*, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

Genus **Aphendala.**

1294. APHENDALA APERIENS.

Miresa aperiens, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).
Aphendala aperiens, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 4, 4*a*, (1882).

I. M., Ceylon (Colombo Museum).

1295. APHENDALA CANA.

Parasa cana, Walker, Cat. Lep. Het. B. M. xxxii, p. 484, (1865).
Aphendala cana, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 3, 3*a*, 3*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Collection Swinhoe, Poona.
Also recorded from S. India and Ceylon.

1296. APHENDALA DIVARICATA.

Aphendala divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.

I. M., Cachar (Wood-Mason, Type), Sibsagar (Peal).

1297. APHENDALA OCHRACEA.

Aphendala ochracea, Moore, Lep. Ceyl. ii, p. 129, pl. 129, figs. 3, 3*a*, (1882).

Ceylon.

1298. APHENDALA TRANSVERSATA.

Aphendala transversata, Walker, Cat. Lep. Het. B. M. xxxii, p. 495, (1865).
———— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 8, (1886).

Collection Swinhoe, Kulu.
Also recorded from S. India.

1299. APHENDALA TRIPARTITA.

Aphendala tripartita, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 398, pl. 14, fig. 14.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.

Collection Swinhoe, Mhow.
Also recorded from Manpuri and Jubbulpore.

Genus **Rabila.**

1300. RABILA FRONTALIS.

Rabila frontalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 508, (1865).
———— Moore, Lep. Ceyl. ii, p. 135, pl. 132, fig. 5, (1882).

Ceylon.

Genus **Susica.**

1301. SUSICA COSMIANA.

Susica cosmiana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440, pl. 40, fig. 9.

Collection Swinhoe, Mhow.
Allied to *S. fraterna*.

1302. SUSICA FRATERNA.

Susica fraterna, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 2, 2*a*, (1882).

Ceylon.

1303. Susica pallida.

Susica pallida, Walker, Cat. Lep. Het. B. M. v, p. 1114, (1855).
———— Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 4, (1886).

E. Indies, Nepal.

1304. Susica signata.

Susica signata, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

Genus **Miresa.**

1305. Miresa albipuncta.

Nyssia albipuncta, Herr Schaff, Lep. Exot. i, fig. 179.*
Miresa albipuncta, Walker, Cat. Lep. Het. B. M. v, p. 1123, (1855).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397, pl. 14, figs. 8—8*c*.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.
Miressa (sic) *albipuncta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, (1859).

Collection Swinhoe, Mhow, Darjiling.

1306. Miresa argentifera.

Miresa argentifera, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1865).
———— Moore, Lep. Ceyl. ii, p. 128, pl. 129, figs. 1, 1*a*, (1882).

I. M., Sibsagar, Shillong.
Collection Swinhoe, North Canara.
Also recorded from Ceylon.

1307. Miresa bracteata.

Miresa bracteata, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).
———— Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 2, (1886).

Collection Swinhoe, Darjiling.

1308. Miresa brevilinea.

Miresa brevilinea, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Darjiling.

1309. Miresa castaneipars.

Miresa castaneipars, Moore, Proc. Zool. Soc. Lond. 1865, p. 819.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1936, (1866).

Darjiling.

1310. Miresa cuprea.

Miresa cuprea, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 8, (1879).

Darjiling.

1311. Miresa decedens.

Miresa decedens, Walker, Cat. Lep. Het. v, p. 1125, (1855).
———— Butler, Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 3, (1886).

N. India.

1312. Miresa guttifera.

Miresa guttifera, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1855).

E. Indies.

1313. Miresa inornata.

Miresa inornata, Walker, Cat. Lep. Het. B. M. v, p. 1125, (1855).

Collection Swinhoe, Kunawar.
Also recorded from Bengal.

1314. Miresa mollis.

Miresa mollis, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).

S. India.

1315. Miresa nivaha.

Miressa (sic) *nivaha*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).
Miresa nivaha, Walker, Cat. Lep. Het. B. M. xxxii, p. 474, (1865).

Kanara.

Genus **Nyssia.**

1316. Nyssia herbifera.

Nyssia herbifera, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
Neomiresa herbifera, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 6, (1886).

Nepal.

1317. Nyssia latifascia.

Nyssia latifascia, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Nepal.

Genus **Narosa.**

1318. Narosa adala.

Narosa adala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, pl. 11, fig. 14; and pl. 21, fig. 13, (1859).
———— Lep. Ceyl. ii, p. 132, pl. 132, figs. 3, 3*a*, (1882).

Ceylon, Java.

1319. NAROSA CONSPERSA.

Narosa conspersa, Walker, Cat. Lep. Het. B. M. v, p. 1151, (1855).
———— Nietner, Obs. Enemies of Coffee in Ceylon, p. 20, (1861).*
———— Moore, Lep. Ceyl. ii, p. 132, pl. 132, figs. 2, 2*a*, 2*b*, (1882).

Collection Swinhoe, Canara, Mahableshwar, Ceylon.

1320. NAROSA RUFOTESSELLATA.

Narosa rufotessellata, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 24 (1879).

Darjiling.

Genus **Cania.**

1321. CANIA SERICEA.

Cania sericea, Walker, Cat. Lep. Het. B. M. v, p. 1178, (1855).
———— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 7, (1886).

N. India.

Genus **Cheromettia.**

1322. CHEROMETTIA FERRUGINEA.

Belippa ferruginea, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).
Cheromettia ferruginea, Moore, Lep. Ceyl. ii, p. 134, pl. 132, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

Genus **Belippa.**

1323. BELIPPA APICATA.

Belippa apicata, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).

Darjiling.

Genus **Monema.**

1324. MONEMA OCELLATA.

Monema ocellata, Moore, Descr. Ind. Lep. Atk. i, p. 74, (1879).

I. M., Sikkim (purchased), Shillong, Khasi Hills.
Collection Swinhoe, Darjiling.

Genus **Setora.**

1325. SETORA DIVERGENS.

Setora divergens, Moore, Descr. Ind. Lep. Atk. i, p. 75, pl. 3, fig. 23. (1879).

I. M., Sibsagar (Peal).
Also recorded from Sikkim.

Genus **Candyba.**

1326. CANDYBA PUNCTATA.

Candyba punctata, Walker, Cat. Lep. Het. B. M. vii, p. 1761, (1856).
———————Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, (1859).
——————————— Lep. Ceyl. ii, p. 133, pl. 132, fig. 4, (1882).
———————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.
——————————— *loc. cit.* 1886, p. 438.
Belgoræa subnotata, Walker, *loc. cit.*, xxxii, p. 497, (1865).

I. M., Kulu (purchased), Sibsagar.
Collection Swinhoe, Solon, Poona, Mhow, Punjab, Candy, Ceylon.

Family LASIOCAMPIDÆ.

Genus **Bharetta.**

1327. BHARETTA CINNAMOMEA.

Bharetta cinnamomea, Moore, Proc. Zool. Soc. Lond. 1865, p. 820, pl. 43, fig. 6.

Darjiling.

Genus **Andraca.**

1328. ANDRACA BIPUNCTATA.

Andraca bipunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 582, (1865).
———————, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

India.

1329. ANDRACA TRILOCHOIDES.

Andraca trilochoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.
———————Waterhouse, Aid. ii, pl. 132, figs. 1, 2, (1883).*

I. M., Sibsagar (Peal).
Also recorded from Sikkim.

Genus **Cifuna.**

1330. CIFUNA LOCUPLES.

Cifuna locuples, Walker, Cat. Lep. Het. B. M. v, p. 1173, (1855).
——————— Butler, Ill. Typ. Lep. Het. ii, p. 18, pl. 27, fig. 6, (1878).

Collection Swinhoe, Khasi Hills.
Also recorded from Sylhet and Yokohama.

Genus **Trisula.**

1331. TRISULA VARIEGATA.

Trisula variegata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 420, pl. 12*a*, fig. 1; and pl. 22, figs. 1, 1*a*, 1*b*, (1859).
———————Walker, Cat. Lep. Mus. Het. B. M. xxxii, p. 576, (1865).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.
———————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305, pl. 21, fig. 7; and 1886, p. 440.

Collection Swinhoe, Mhow, Poona, Bombay.
Also recorded from Madras.

Genus **Horanpella.**

1332. HORANPELLA PLACIDA.

Horanpella placida, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 1, 1*a*, (1882).

Ceylon.

Genus **Clisiocampa.**

1333. CLISIOCAMPA INDICA.

Clisiocampa indica, Walker, Cat. Lep. Het. B. M. vi, p. 1489, (1855).

E. Indies.

Genus **Chilena.**

1334. CHILENA SIMILIS.

Chilena similis, Walker, Cat. Lep. Het. B. M. v, p. 1071, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Punjab, Sind.
Also recorded from Nepal.

1335. CHILENA STRIGULA.

Lasiocampa strigula, Walker, Cat. Lep. Het. B. M. xxxii, p. 563, (1865).
Chilena strigula, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404, pl. 14, figs. 6, 6*a*, 6*b*.

S. India, Mhow.

Genus **Hondella.**

1336. HONDELLA JUVENIS.

Ptilomacra juvenis, Walker, Cat. Lep. Het. B. M. v, p. 1099, (1855).
Hondella juvenis, Moore, Lep. Ceyl. ii, p. 144, pl. 137, fig. 4, (1882).

Ceylon.

Genus **Alompra.**

1337. ALOMPRA FERRUGINEA.

Alompra ferruginea, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 33, fig. 8.

I. M., N. Khasi Hills, Sikkim (purchased).

Genus **Pandala.**

1338. PANDALA DOLOSA.

Pandala dolosa, Walker, Cat. Lep. Het. B. M. iv, p. 922, (1855).
———— Moore, Lep. Ceyl. ii, p. 140, pl. 134, fig. 5, (1882).

Ceylon.

Genus Gangarides.

1339. GANGARIDES DHARMA.

Gangarides dharma, Moore, Proc. Zool. Soc. Lond. 1865, p. 821, pl. 43, fig. 7.

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

1340. GANGARIDES ROSEA.

Apona rosea, Walker, Cat. Lep. Het. B. M. xxxii, p. 513, (1865).
Gangarides rosea, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Genus Apha.

1341. APHA FLAVA.

Apha flava, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Nilgiri Hills.

1342. APHA FLORALIS.

Apha floralis, Butler, Ill. Typ. Lep. Het. v, p. 64, pl. 94, figs. 5, 6, (1881).

Collection Swinhoe, Darjiling.

1343. APHA LANUGINOSA.

Apha lanuginosa, Walker, Trans. Ent. Soc. Lond. Ser. 3, i, p. 83, (1862-64).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 512, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

1344. APHA SUBDIVES.

Apha subdives, Walker, Cat. Lep. Het. B. M. v, p. 1180, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10*a*, fig. 4.
———— Proc. Zool. Soc. Lond. 1867, p. 681.
————, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 94, figs. 7, 8, (1881).

I. M., Shillong, Khasi Hills, Cherra.
Collection Swinhoe, Shillong, Khasi Hills.
Also recorded from Sylhet.

Genus Ganisa.

1345. GANISA PALLIDA.

Ganisa palldia, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, fig. ?, (1881).

I. M., Sikkim (purchased).
Also recorded from Bhotan.

1346. GANISA PLANA.

Ganisa plana, Walker, Cat. Lep. Het. B. M. v,p. 1191, (1855).
———— Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs. 4, 5, (1881).

Collection Swinhoe, Sylhet.
Also recorded from Sikkim.

1347. GANISA POSTICA.

Ganisa postica, Walker, Cat. Lep. Het. B. M. v, p. 1190, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10*a*, fig. 5, (1859).
———— Lep Ceyl. ii, p. 137, pl. 133, fig. 3, (1882).

I. M., Kulu, (purchased).
Also recorded from Ceylon.

1348. GANISA SIMILIS.

Ganisa similis, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Darjiling.

Genus **Apona.**

1349. APONA CASHMIRENSIS.

Gastropacha cashmirensis, Kollar, Kaschmir Von Hügel, p. 472, pl. 21, fig. 4, (1848).

Collection Swinhoe, Simla.
Also recorded from Kashmir.

1350. APONA PALLIDA.

Apona pallida, Walker, Cat. Lep. Het. B. M. vii, p. 1763, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

Sikkim.

1351. APONA PLUMOSA.

Apona plumosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

Nilgiri Hills.

1352. APONA SHEVAROYENSIS.

Apona shevaroyensis, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.

Madras.
Allied to *plumosa*.

Genus **Cricula.**

1353. CRICULA DREPANOIDES.

Cricula drepanoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.
———— Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1354. Cricula trifenestrata.

Attacus fenestra ?, Linn., Syst. Nat. i. 2, 811, 9, (1767).
Attacus perspicua ?, Linn. *loc. cit.*, 10.
Bombyx fenestra ?, Fabr., Sp. Ins. ii, 170, 18, (1781).
Bombyx perspicua ?, Fabr., *loc. cit.*, 171, 21, (1781).
Saturnia trifenestrata, Herr Schäff., Lep. Exot. Ser. i, pl. 17, fig. 80.*
——————— Helfer Journ. As. Soc., Beng. vi, 45, 10 (1837).
Euphranor multifenestrata, Herr Schäff., *loc. cit.*, pl. 61, fig. 556.*
Saturnia zuleika, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 1, (1848).
Cricula trifenestrata, Walker, Cat. Lep. Het. B. M. v, p. 1187; and p. 1196, (1855); and xxxii, p. 530, (1865).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 384, pl. 18, figs. 7 *a*, *b*, *c*, (1859).
——————— ——— Wardle's Wilk Silks of India, p. 7, (1881).
Antheræa zuleika, Walker, *loc. cit.*, v, p. 1252, (1855).

I. M., Dacca (DeNiceville), Sikkim (purchased), Khasi Hills, Sibsagar, Cachar (Wood-Mason), Andaman Is, (purchased) Java (DeNiceville), no locality (Dumaine; (?) Capt. Hutton), Cocoons.
Collection Swinhoe, Darjiling, Khasi Hills, Shevaroy Hills.

Genus **Tagora.**

1355. Tagora discrepans.

Tagora discrepans, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.
Eupterote discrepans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Canara.

1356. Tagora glaucescens.

Tagora glaucescens, Walker, Cat. Lep. Het. B. M. v, p. 1188, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
Ganisa glaucescens, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, figs. 1, 2, (1881).

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim.

1357. Tagora murina.

Tagora murina, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).
——————— Lep. Ceyl. ii, p. 142, pl. 136, fig. 2,(1882).

Ceylon.

1358. Tagora pandya.

Tagora pandya, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1943, (1866).

Collection Swinhoe, Sylhet.
Allied to *T. patula*.

1359. TAGORA PATULA.

Tagora patula, Walker, Cat. Lep. Het. B. M. v, p. 1189, (1855).
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, (1859).
————— Proc. Zool. Soc. Lond. 1867, p. 681.
————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 70, pl. 98, figs. 1, 2, (1881).

I. M., Sibsagar.
Also recorded from Sylhet.

1360. TAGORA UNDULOSA.

Tagora undulosa, Walker, Cat. Lep. Het. B. M. v, p. 1196, (1855).

E. Indies.

Genus **Sphingognatha.**

1361. SPHINGOGNATHA KHASIANA.

Sphingognatha khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Khasi Hills.

1362. SPHINGOGNATHA PALLIDA.

Jana pallida, Walker, Cat. Lep. Het. B. M. iv, p. 912, (1855).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Sphingognatha asclepiades, Felder, Reise Novara Lep. iv, pl. 94, fig. 1, (1864-75).
Tagora pallida, Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 3, (1881).

Sylhet, Sumatra.

Genus **Jana.**

1363. JANA INCANDESCENS.

Jana incandescens, Walker, Cat Lep. Het B. M. iv, p. 910, (1855).
————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 71, pl. 98, fig. 5, (1881).

I. M., Sikkim (purchased).

1364. JANA SIGNIFERA.

Jana signifera, Walker, Cat. Lep. Het. B. M. iv, p. 911, (1855).

N. India.

Genus **Palirisa.**

1365. PALIRISA CERVINA.

Jana cervina, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1917, (1866).
Palirisa cervina, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

I. M., a specimen with no history.
Recorded from Darjiling.

1366. Palirisa lineosa.

Jana lineosa, Walker, Cat. Lep. Het. B. M. iv; p. 912, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
———— Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 4, (1881).
Palirisa lineosa, Moore, Trans. Ent Soc. Lond. 1884, p. 360.

I. M., Buxa (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sylhet.

Genus **Dreata.**

1367. Dreata hades.

Dreata hades, Walker, Cat. Lep. Het. B. M. iv, p. 908, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
———— Butler, Ill. Typ. Lep. Het. v, p. 70, pl. 97, fig. 7, (1881).

I. M., Shillong, N. Khasi Hills, Cherra.
Also recorded from Sylhet.

Genus **Eupterote.**

1368. Eupterote affinis.

Eupterote affinis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.

N. India.

1369. Eupterote alterata.

Eupterote alterata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

I. M., Sikkim (purchased), Buxa (Moti Ram), Manbhum (Beavan).
Collection Swinhoe, Darjiling.

1370. Eupterote anada.

Dreata anada, Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 373, (1865).

Kanara.

1371. Eupterote auriflua.

Eupterote auriflua, Moore, Trans, Ent. Soc. Lond. 1884, p. 364.

Malabar.

1372. Eupterote caliginosa.

Eupterote caliginosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Jubbulpore.

1373. Eupterote canaraica.

Eupterote canaraica, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.

Kanara.

1374. Eupterote castanoptera.

Eupterote castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.
Nepal.

1375. Eupterote cinnamomea.

Eupterote cinnamomea, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.
Kanara.

1376. Eupterote citrina.

Dreata citrina, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
I. M., Sikkim (purchased).
Also recorded from Central India.

1377. Eupterote consimilis.

Eupterote consimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.
Darjiling.

1378. Eupterote contaminata.

Eupterote contaminata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.
Bombay.
Allied to *E. imbecilis* and *E. taooensis*.

1379. Eupterote cupreipennis.

Eupterote cupreipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.
Madras.

1380. Eupterote decorata.

Eupterote decorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.
Punjab.

1381. Eupterote diabolica.

Eupterote diabolica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.
Belgaum.
Allied to *E. mutans*.

1382. Eupterote diffusa.

Dreata diffusa, Walker, Cat. Lep. Het. B. M. xxxii, p. 374, (1865).
Eupterote diffusa, Moore, Lep. Ceyl. ii, p. 142, pl. 135, fig. 2, (1882).
Ceylon.

1383. Eupterote discordans.

Eupterote discordans, Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs 6, 7, (1881).
Calcutta.

1384. EUPTEROTE DISSIMILIS.

Eupterote dissimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.

Dehra Dhun.

1385. EUPTEROTE FABIA.

Bombyx fabia, Oliv., Enc. Meth. Ins. v, 38, 51.*
Phalæna fabia, Cramer, Pap. Exot. iii, pl. 250, fig. B, (1779).
Eupterote fabia, Hübn., Verz. Bek. Schmet., p. 187, 1933, (1816).
Dreata fabia, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855); and vii, p. 1742, (1856).

Coromandel.
Allied to *E. mutans*.

1386. EUPTEROTE GRISEIPENNIS.

Eupterote griseipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

N. India.

1387. EUPTEROTE GYRA.

Eupterote gyra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Belgaum.
Allied to *E. mutans*.

1388. EUPTEROTE IGNAVUS.

Eupterote ignavus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440. pl. 41, fig. 1, ♂.

Collection Swinhoe, Mhow.
Allied to *E. mutans*.

1389. EUPTEROTE IMBECILIS.

Dreata imbecilis, Walker, Cat. Lep. Het. B. M. iv, p. 905. (1855).
Eupterote imbecilis, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, fig. 2, (1881).

N. India.

1390. EUPTEROTE IMMUTATA.

Eupterote immutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

Nepal.

1391. EUPTEROTE INVALIDA.

Eupterote invalida, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, figs. 3, 4, (1881).

I. M., Calcutta (DeNiceville), Burrakur, Kulu (purchased).
Also recorded from Darjiling.
Allied to *E. taooensis*.

1392. EUPTEROTE LATIVITTATA.

Eupterote lativittata, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Bombay.
Allied to *E. canaraica*.

1393. EUPTEROTE LUCIA.

Eupterote lucia, Butler, Ann. Mag. Nat. Hist. (5), xvi, p. 346, pl. 8, fig. 4, (1885).

I. M., Shillong, Cherrapunji.

1394. EUPTEROTE MOLLIFERA.

Dreata mollifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).
Tagora antheræata, Walker, *loc. cit.*, p. 512.
Bomochroa (sic) *ornata*, Felder, Reise Novara, iv, pl. 94, fig. 3, (1864-75).

Collection Swinhoe, Ceylon.

1395. EUPTEROTE MOLLIS.

Eupterote mollis, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Nilgiris.

1396. EUPTEROTE MUTANS.

Dreata mutans, Walker, Cat Lep. Het. B. M. iv, p. 904, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).
Eupterote mutans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 8, (1881).

Collection Swinhoe, Mirzapore.
Also recorded from Sikkim and the Philippine Is.

1397. EUPTEROTE NIGRICANS.

Eupterote nigricans, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.

Jubbulpore, Saugor.
Allied to *E. undata*.

1398. EUPTEROTE NILGIRICA.

Eupterote nilgirica, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Nilgiri Hills.

1399. EUPTEROTE OCHRIPICTA.

Eupterote ochripicta, Moore, Proc. Zool. Soc. Lond. 1879, p. 4[illegible]
——————— Lep. Ceyl. ii, p. 141, pl. 136, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.
Allied to *E. fabia*.

1400. Eupterote permutata.

Eupterote permutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.
Bengal.

1401. Eupterote persimilis.

Eupterote persimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.
Calcutta.

1402. Eupterote petosiris.

Phalæna petosiris, Cramer, Pap. Exot. iv, pl. 397, fig. D, (1782).
Dreata petosiris, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855).
Coromandel.

1403. Eupterote similis.

Eupterote similis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.
Collection Swinhoe, Poona.
Also recorded from Calcutta.

1404. Eupterote sinuata.

Eupterote sinuata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.
Himalayas.
Allied to *E. undata*.

1405. Eupterote subdita.

Eupterote subdita, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.
Jubbulpore.

1406. Eupterote suffusa.

Eupterote suffusa, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.
Jubbulpore.

1407. Eupterote taooensis.

Dreata taooensis, Moore, Proc. Zool. Soc. Lond. 1878, p. 848, pl. 53, fig. 7.
Tenasserim.

1408. Eupterote todara.

Eupterote todara, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.
Nilgiri Hills.

1409. Eupterote undans.

Dreata undans, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
Pachyjana undans, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 6, (1881).

EUPTEROTE UNDANS,—*continued.*

Eupterote undans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

I. M., Sibsagar.
Collection Swinhoe, Mahableshwar.

1410. EUPTEROTE UNDATA.

Bombyx undatus, Blanch., Jacq. Voy. Inde Zool. Ins. p. 23, pl. 1, fig. 8, (1844).
Dreata undifera, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).
Dreata undata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).
———— Walker, *loc. cit.*, xxxii, p. 373, (1865).
Eupterote undata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

I. M., Buxa (Moti Ram), Sikkim (Barnes).
Collection Swinhoe, Poona, Khandalla.
Also recorded from Belgaum and Madras.

1411. EUPTEROTE VARIEGATA.

Eupterote variegata, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

Jubbulpore.

1412. EUPTEROTE VINOSA.

Eupterote vinosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

Jubbulpore.

Genus **Spalyria.**

1413. SPALYRIA ADOLPHEI.

Bombyx adolphei, Guer., Voy. Deless. Hist. Nat, p. 96, pl. 27, fig. 3, (1843).
Lasiocampa adolphei, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Nilgiri Hills.

1414. SPALYRIA COLLARIS.

Bombyx collaris, Guer., Voy. Deless. Hist. Nat., p. 95, pl. 27, fig. 2,(1843).
Lasiocampa collaris, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).
Spalyria collaris, Moore, Trans. Ent. Soc. Lond. 1884, p. 370.

Nilgiri Hills.

1415. SPALYRIA FLAVICOLLIS.

Bombyx flavicollis, Guer., Voy., Deless. Hist. Nat, p. 94, pl. 27, fig. 1, (1843).
Lasiocampa flavicollis, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Collection Swinhoe, Ootacamund.

1416. SPALYRIA TESTACEA.

Dreata testacea, Walker, Cat. Lep. Het. B. M. iv, p. 906, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).
Eupterote testacea, Butler, Ill. Typ. Lep. Het. v, p. 67, pl. 97, fig. 1, (1881).
Spalyria testacea, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

I. M., Cachar (Wood-Mason), Shillong, Khasi Hills.
Also recorded from Sylhet.

Genus **Murlida.**

1417. MURLIDA FRATERNA.

Murlida fraterna, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.
Collection Swinhoe, India.
Recorded from Darjiling.

1418. MURLIDA LINEOSA.

Lasiocampa lineosa, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).
Murlida lineosa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).
———— Walker, *loc. cit.*, xxxii, p. 563, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
———— Trans. Ent. Soc. Lond. 1884, p. 371.
Eupterote lineosa, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 9, (1881),
Collection Swinhoe, Ootacamund.
Also recorded from Nepal, Darjiling.

Genus **Brachytera.**

1419. BRACHYTERA GEMINATA.

Dreata geminata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Brachytera geminata, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 2, 2*a*, (1882).
Collection Swinhoe, Ceylon.

1420. BRACHYTERA PHALÆNARIA.

Brachytera phalænaria, Felder, Reise, Novara Lep. iv, pl. 95, fig. 1, (1864-75).
———— Moore, Lep. Ceyl. ii, p. 143, pl. 135, fig. 1, (1882).
Ceylon.

1421. BRACHYTERA PRIMULARIS.

Brachytera primularis, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.
Collection Swinhoe, Nilgiri Hills, N. Canara.
Also recorded from the Shevaroy Hills.

Genus **Sangatissa.**

1422. SANGATISSA ALBIPARS.

Sangatissa albipars, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.
Collection Swinhoe, Bombay, North Canara.
Allied to *S. citrinula*.

1423. SANGATISSA CITRINULA.

Dreata citrinula, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).
Sangatissa citrinula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.
Collection Swinhoe, Satara, Poona.

1424. SANGATISSA SUBCURVIFERA.

Dreata subcurvifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 375, (1865).
Sangatissa subcurvifera, Moore, Lep. Ceyl. ii, p. 144, pl. 134, fig. 6, (1882).

I. M., Yunan.
Collection Swinhoe, Solun, Ceylon.

1425. SANGATISSA TRISERIATA.

Dreata triseriata, Butler, Proc. Zool. Soc. Lond. 1875, p. 393.

S. India.
Allied to *S. subcurvifera*.

Genus **Messata**.

1426. MESSATA ÆNESCENS.

Messata ænescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
——————Lep. Ceyl. ii, p. 139, pl. 134, fig. 1, (1882).

Ceylon.
Allied to *M. plumipes*.

1427. MESSATA CASTANOPTERA.

Messata castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Belgaum, Poona.
Also recorded from the Nilgiri Hills.

1428. MESSATA FLAVIDA.

Messata flavida, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.

Nilgiri Hills.

1429. MESSATA FRATERNA.

Messata fraterna, Moore, Proc. Zool. Soc. Lond. 1879, p. 409, pl. 34, fig. 6.

Bombay.

1430. MESSATA LINEATA.

Dreata lineata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Messata lineata, Walker, *loc. cit.*, v, p. 1108, (1855).
Leptojana lineata, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 5, (1881).

N. India.

1431. MESSATA PLUMIPES.

Dreata plumipes, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Messata rubiginosa, Walker, *loc. cit.*, v, p. 1108, (1855).
——————Moore, Lep. Ceyl. ii, p. 138, pl. 133, figs. 5, 5*a*, (1882).

Collection Swinhoe, Ceylon.

1432. MESSATA QUADRIFASCIATA.

Messata quadrifasciata, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
———————————Lep. Ceyl. ii, p. 139, pl. 134, fig. 3, (1882).
Collection Swinhoe, Ceylon.

1433. MESSATA SIMILIS.

Messata similis, Moore, Lep. Ceyl. ii, p. 139, pl. 133, fig. 4, (1882).
Ceylon.

1434. MESSATA TRANSLATA.

Messata translata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304, pl. 21, fig. 5.
Collection Swinhoe, Satara, Nilgiri Hills, Poona.

1435. MESSATA TRISTIS.

Stenoglene tristis, Felder, Reise Novara Lep., pl. 95. fig. 4, (1864-75).
Messata tristis, Moore, Lep. Ceyl. ii, p. 139, pl. 134, fig. 2, (1882).
Collection Swinhoe, Ceylon.

1436. MESSATA VIALIS.

Messata vialis, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
———————————— Lep. Ceyl. ii, p. 139, pl. 134, fig. 4, (1882).
Ceylon.

Genus **Nisaga**.

1437. NISAGA MODESTA.

Nisaga modesta, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.
Collection Swinhoe, Satara, Poona, Bombay.

1438. NISAGA SIMPLEX.

Nisaga simplex, Walker, Cat. Lep. Het. B. M. iv, p. 885, (1855).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.
I. M., Shillong, Khasi Hills.
Collection Swinhoe, Satara, Poona.

Genus **Syrastrina**.

1439. SYRASTRINA MINOR.

Metanastria minor, Moore, Descr. Ind. Lep. Atk. i, p. 78, (1879).
Syrastrina minor, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
Darjiling.

Genus **Lenodora**.

1440. LENODORA FASCIATA.

Lenodora fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
Nilgiri Hills.

1441. LENODORA FUSCA.

Lenodora fusca, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Bombay.

1442. LENODORA SIGNATA.

Lenodora signata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Dehra Dhun.

1443. LENODORA SUBCOSTALIS.

Miresa subcostalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).
Lenodora subcostalis, Moore, Lep. Ceyl. ii, p. 145, pl. 137, figs. 3, 3*a*, 3*b*, (1882).

Ceylon.

1444. LENODORA VITTATA.

Lasiocampa vittata, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).
Lenodora vittata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

Collection Swinhoe, Poona.
Also recorded from N. India, Madras.

Genus **Gastropacha.**

1445. GASTROPACHA CASCHMIRENSIS.

Gastropacha caschmirensis, Kollar, Kaschmir, Von Hugel, p. 472, pl. 21, fig. 4, (1848).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1393, (1855).

Kashmir.

1446. GASTROPACHA DIVARICATA.

Gastropacha divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Darjiling.

1447. GASTROPACHA SIKKIMA.

Gastropacha sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).

Darjiling.

1448. GASTROPACHA SINUATA.

Gastropacha sinuata, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).

Darjiling.

1449. GASTROPACHA SULPHUREA.

Gastropacha sulphurea, Kollar, Kaschmir Von Hugel, p. 471, (1848).
————Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).

Mussooree.

1450. Gastropacha torrida.

Gastropacha torrida, Moore, Descr. Ind. Lep. Atk. i, p. 76, pl. 3, fig. 19, (879).

Darjiling.

1451. Gastropacha undulifera.

Gastropacha undulifera, Walker, Cat. Lep. Het. B. M. vi, p. 1395, (1855).

N. India.

Genus **Trabala.**

1452. Trabala irrorata.

Trabala irrorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.

I. M., Mergui (Anderson).
Also recorded from Java.

1453. Trabala læta.

Amydona læta, Walker, Cat. Lep. Het. B. M. vi, p. 1416, (1855).
Trabala læta, Walker, *loc. cit.*, vii, p. 1785, (1856).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. xii*a*, figs. 7, 7*a*, (1859).

I. M., specimens, with no history.
Collection Swinhoe, Dharmsala.
Also recorded from Sylhet and Java.

1454. Trabala mahananda.

Trabala mahananda, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

Bengal.

1455. Trabala varia.

Amydona varia, Walker, Cat. Lep. Het. B. M. vi, p. 1414, (1855).
Travala varia, Walker, *loc. cit.*, vii, p. 1785, (1856).

Sylhet, W. Africa.

1456. Trabala vishnu.

Gastropacha vishnou, Lefebvre, Zool. Journ. iii, p. 207, (1827).*
——————— Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).
——————— Piepers & Snellen, Tijd. Ent. xx, p. 21, (1877).
Amydona basalis, Walker, *loc. cit.*, vi, p. 1415, (1855).
Amydona prasina, Walker, *loc. cit.*, vi, p. 1417, (1855).
Amydona pallida, Walker, *loc. cit.*, vi, p. 1417, (1855).
Trabala basalis, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala prasina, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala pallida, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala vishnu, Moore, Cat. Lep. Mus. E. I. C. ii, p. 425, pl. 22, figs. 3, 3*a*, 3*b*, (1859).
——————— Walker, *loc. cit*, xxxii, p. 554, (1865).
——————— Moore, Lep. Ceyl. ii, p. 146, pl. 138, figs. 1, 1*a*, 1*b*, 2, 2*a*, (1882).

TRABALA VISHNU,—*continued.*

Trabala vishnu, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Khasi Hills, Sikkim (Barnes), Sibsagar (Peal), Calcutta (DeNiceville), Cherra, Cachar (Wood-Mason), Shillong, Silchar (Wood-Mason), Kulu (purchased), Andaman Islands (purchased), Java (DeNiceville).
Collection Swinhoe, Bhotan, Bombay, Simla, Sylhet, Nilgiris, Murree.
Also recorded from Ceylon and Hongkong.
Showing a large range of variation.

Genus **Lebeda.**

1457. LEBEDA ACONYTA.

Phalæna aconyta, Cramer, Pap. Exot. ii, pl. 131, fig. A, (1777).
Bombyx quadricincta, Fabr., Mant. Ins. ii, p. 111, 44.
———— Ent. Syst. iii, 1, 422, 50.
Metanastria aconyta, Hüb., Verz. Bek. Schmett., p., 186, 1917, (1816).
Dirphia aconyta, Walker, Cat. Lep. Het. B. M. vi, p. 1370, (1855).
Lasiocampa trifascia, Walker, *loc. cit.*, vi, p. 1439, (1855).
Lasiocampa substrigosa, Walker, *loc. cit.*, vi, p. 1441, (1855).
Lasiocampa aconyta, Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).
———— Walker, *loc. cit.*, xxxii, p. 560, (1865).

Collection Swinhoe, Sikkim.
Also recorded from Canara.

1458. LEBEDA BUDDHA.

Bombyx buddha, ♂, Lefebvre, Zool. Journ. iii, 209, (1827).*
Bombyx brahma, ♀, Lefebvre, *loc. cit.*, iii, p. 208, (1827).*
Lasiocampa brahma, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).
Lasiocampa buddha, Walker, *loc. cit.*, vi, p. 1444, (1855).
Lebeda plagiata, Walker, *loc. cit.*, vi, p. 1464, (1855).
Lebeda buddha, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12*a*, figs. 2, 2*a*, (1859).
———— Walker, *loc. cit.*, xxxii, p. 568, (1865).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 407, pl. 15, figs. 3, 3*a*, 3*b*,
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Sibsagar (Peal), Cherra, Darbhanga (Maries).
Collection Swinhoe, Bombay, Mhow, Sikkim.
Also recorded from Ceylon.

1459. LEBEDA FASCIATA.

Lebeda fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.
Khasi Hills.

1460. LEBEDA FULGENS.

Lebeda fulgens, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).
Darjiling.

1461. LEBEDA LIDDERDALII.

Lebeda lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 1, 2, (1881).
Bhotan.

1462. Lebeda lineata.

Lebeda lineata, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

1463. Lebeda lusca.

Bombyx lusca, Fabr., Mant. Ins. ii, p. 112, 49.
——————— Ent. Syst. iii, i, 424, 55.
——————— Oliv., Enc. Meth. v, 42, 70.*
Lasiocampa lusca, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).

Coromandel.

1464. Lebeda nanda.

Lebeda nanda, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12*a*, fig. 3, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).

I. M., Sikkim (purchased).

1465. Lebeda nobilis.

Lebeda nobilis, Walker, Cat. Lep. Het. B. M. vi, p. 1456, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).
——————— Butler, Ill. Typ. Lep. Het. v, p. 74, pl. 100, figs. 5, 6, (1881).

I. M., Sikkim (purchased), Cherra.
Collection Swinhoe, Sylhet, Kasauli.

1466. Lebeda opponens.

Lebeda opponens, Walker, Cat. Lep. Het. B. M. vi, p. 1462, (1855).

N. India.

1467. Lebeda placida.

Lebeda placida, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).

Collection Swinhoe, Darjiling, Shillong.

1468. Lebeda plagifera.

Lebeda plagifera, Walker, Cat. Lep. Het. B. M. vi, p. 1459, (1855).
——————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 73, pl. 99, fig. 5, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling, Simla.
Also recorded from Nepal.

1469. Lebeda recta.

Lebeda recta, Walker, Cat. Lep. Het. B. M. vi, p. 1461, (1855).

N India.

1470. LEBEDA REPANDA.

Lebeda repanda, Walker, (Part), Cat. Lep. Het. B. M. vi, p. 1460, (1855).
———————— Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 1, 2, (1886).
Sylhet, Nepal, Ceylon.

1471. LEBEDA STIGMATA.

Lebeda stigmata, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 3, 4, (1881).
I. M., Sikkim (purchased).
Allied to *L. placida*.

1472. LEBEDA UNDANS.

Lebeda undans, Walker, Cat. Lep. Het. B. M. vi, p. 1458, (1855).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
Sylhet.

1473. LEBEDA VARIEGATA.

Lebeda variegata, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).
———————— Lep. Ceyl. ii, p. 151, pl. 139, fig. 1, (1882).
Collection Swinhoe, Ceylon.

1474. LEBEDA VINATA.

Lebeda vinata, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.
Darjiling.

1475. LEBEDA VULPINA.

Lebeda vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).
Darjiling.

Genus **Arguda.**

1476. ARGUDA DECURTATA.

Arguda decurtata, Moore, Descr. Ind. Lep. Atk. i, p. 79, 1879.
Darjiling.

Genus **Radhica.**

1477. RADHICA FLAVOVITTATA.

Radhica flavovittata, Moore, Descr. Ind. Lep. Atk. i, p. 79, (1879).
Naini Tal, Dharmsala.

Genus **Mahanta.**

1478. MAHANTA QUADRILINEA.

Mahanta quadrilinea, Moore, Descr. Ind. Lep. Atk. i, p. 78, pl. 3, fig. 20, (1879).
Darjiling.

Genus **Chatra.**

1479. CHATRA GRISEA

Chatra grisea, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).

Cherrapunji, Khasi Hills.

Genus **Trichiura.**

1480. TRICHIURA KHASIANA.

Trichiura khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 21, (1879).

Khasi Hills.

Genus **Mustilia.**

1481. MUSTILIA CASTANEA.

Mustilia castanea, Moore, Descr. Ind. Lep. Atk. i, p. 82, (1879).

Darjiling.

1482. MUSTILIA FALCIPENNIS.

Mustilia falcipennis, Walker, Cat. Lep. Het. B. M. xxxii, p. 581, (1865); and xxxv, p. 1949, (1866).

Darjiling.

1483. MUSTILIA HEPATICA.

Mustilia hepatica, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 18, (1879).

Darjiling.

1484. MUSTILIA SPHINGIFORMIS.

Mustilia sphingiformis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407, pl. 33, fig. 4.

Collection Swinhoe, Sikkim, Sibsagar.
Also recorded from Mussooree.

Genus **Kosala.**

1485. KOSALA SANGUINEA.

Kosala sanguinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 33, fig. 8.

Khasi Hills.

Genus **Eutricha.**

1486. EUTRICHA CHEELA.

Eutricha cheela, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.

Dharmsala.

1487. EUTRICHA FLAVOSIGNATA.

Eutricha flavosignata, Moore, Descr. Ind. Lep. Atk. i, p. 77, pl. 3, fig. 17, (1879).

Darjiling.

Genus **Lasiocampa.**

1488. LASIOCAMPA BHIRA.

Lasiocampa bhira, Moore, Proc. Zool. Soc. Lond. 1879, p. 410, pl. 34, fig. 2.

Dharmsala.

1489. LASIOCAMPA DECISA.

Lasiocampa decisa, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).

E. Indies.

1490. LASIOCAMPA SUBPARALLELA.

Lasiocampa subparallela, Walker, Cat. Lep. Het. B. M. xxxii, p. 562, (1865).

India.

Genus **Odonestis.**

1491. ODONESTIS AMPLA.

Odenestis (sic) *ampla*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).
Odonestis ampla, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 3, 4, (1881).
Lebeda ferruginea, Walker, *loc. cit.*, p. 1458, (1855); and xxxii, p. 568, (1865).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

I. M., Sikkim (purchased), Cherrapunji.
Collection Swinhoe, Cherrapunji.
Also recorded from Sylhet.

1492. ODONESTIS BHEROBA.

Odonestis bheroba, Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. 12*a*, fig. 5, (1859).
Odenestis (sic) *bheroba*, Walker, Cat. Lep. Het. B. M. xxxii, p. 553, (1865).

Darjiling.

1493. ODONESTIS DIVISA.

Odonestis divisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.
———— Lep. Ceyl. ii, p. 150, pl. 141, fig. 2, (1882).

Ceylon.

1494. ODONESTIS INOBTRUSA.

Lasiocampa inobtrusa, Walker, Trans. Ent. Soc. Lond. (3), iii, p. 85, (1862-64).
———— Cat. Lep. Het. B. M. xxxii, p. 560, (1865).

Collection Swinhoe, Solun, Simla.

1495. Odonestis latipennis.

Lebeda latipennis, Walker, Cat. Lep. Het. B. M. vi, p. 1457, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, pl. 22, figs. 2, 2*a*, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 685.
Odonestis latipennis, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 1, 2, (1881).

Darjiling, Calcutta.

1496. Odonestis pyriformis.

Odonestis pyriformis, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 34, fig. 7.

Mussooree.

1497. Odonestis servula.

Phalæna servula, Drury, Ins. Exot. ii, p. 20, pl. 11, fig. 4, (1773).
Odonestis servula, Westw., Drury. ii, p. 22, pl. 11, fig. 4, (1837).*
Odenestis (sic) *servula*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).

Madras.

1498. Odonestis signata.

Odonestis signata, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).

Darjiling.

Genus **Estigena**.

1499. Estigena nandina.

Estigena nandina, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, (1859).
——————— Lep. Ceyl. ii, p. 149, pl. 142, figs. 1, 1*a*, (1882).
Estigena naudina (sic), Walker, Cat. Lep. Het. B. M. xxxii, p. 568,(1865).
Gastropacha abstracta, Walker, *loc. cit.*, p. 551, (1865).
Lebeda scriptiplaga, Walker, *loc. cit.*, p. 569, (1865).

I. M., Mergui (Anderson), Kulu (purchased), Sikkim (purchased), Akra (Cleghorn).
Collection Swinhoe, Simla, Bombay.
Also recorded from Ceylon.

Genus **Taragama**.

1500. Taragama ganesa.

Bombyx ganesa, Lefebvre, Zool. Journ. iii, p. 211, (1827).*
Bombyx siva, Lefebvre, *loc. cit.*, p. 210.*
Lasiocampa siva, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).
Lasiocampa ganesa, Walker, *loc. cit.*, p. 1444, (1855).
Megasoma venustum, Walker, *loc. cit.*, p. 1449, (1855).
——————— Forsayeth, Trans Ent. Soc. Lond. 1884, p. 406.
Megasoma albicans, Walker, *loc. cit.*, p. 1450, (1855).

TARAGAMA GENESA,—*continued.*

Taragama ganesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, pl. xxii, figs. 4, 4*a*, (1859).
———— Walker, *loc. cit.* xxxii, p. 564, (1865).
———— Semper, Verh. Zool. Botan. Ges. Wien. xvii, p. 701, (1867).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, and 1885, p. 305 and 1886, p. 440.

Collection Swinhoe, Subathoo, Umballa, Mhow, Karachi, Bombay, Poona and Mahableshwar.
Also recorded from Sind, Punjab, Madras, Kanara, Ceylon, Java, Philippine Islands.

1501. TARAGAMA HYPERANTHERÆ.

Taragama hyperantheræ, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 5.
Calcutta.

1502. TARAGAMA IGNIFLUA.

Taragama igniflua, Moore, Lep. Ceyl. ii, p. 147, pl. 142, figs. 2, 2*a*, (1882).
Ceylon.

1503. TARAGAMA INTENSA.

Taragama intensa, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 4.
I. M., Calcutta.

1504. TARAGAMA PALLIDUM.

Megasoma pallidum, Walker, Cat. Lep. Het. B. M. vi, p. 1450, (1855).
N. India.

Genus **Suana.**

1505. SUANA AMPLA.

Suana ampla, Walker, Cat. Lep. Het. B. M. vi, p. 1502, (1855).
Sylhet, Java, Philippine Is.

1506. SUANA BIMACULATA.

Lebeda bimaculata, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).
Suana bimaculata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 428, pl. 13*a*, figs. 2, 2*a*, and pl. xxiii, figs. 1, 1*a*, 1*b*, (1859).
————————Walker, *loc. cit.* xxxii, p. 570, (1865).
————————Moore, Lep. Ceyl. ii, p. 152, pl. 140 (not pl. 104), figs. 1, 1*a*, 1*b*, (1882).
————————Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 3, 4, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet.
Also recorded from Nepal, Ceylon, and Java.

1507. SUANA CERVINA.

Suana cervina, Moore, Proc Zool. Soc. Lond. 1879, p. 410.
———— Lep. Ceyl. ii, p. 152, pl. 139, figs. 2 2*a*, (1882).

Ceylon.
Allied to *S. bimaculata*.

1508. Suana concolor.

Lebeda concolor, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet and Java.

Genus **Pœcilocampa.**

1509. Pœcilocampa undulosa.

Pœcilocampa undulosa, Walker, Cat. Lep. Het. B. M. vi, p. 1477, (1855).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
I. M., Cherrapunji, Sibsagar.
Collection Swinhoe, Nepal.
Also recorded from Sikkim.

Family PHALERIDÆ.

Genus **Zana.**

1510. Zana lignosa.

Zana lignosa, Walker, Cat. Lep. Het. B. M. vii, p. 1700, (1856).
———————Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 4, (1886).
Collection Swinhoe, N. India.

Genus **Turnaca.**

1511. Turnaca acuta.

Turnaca acuta, Walker, Cat. Lep. Het. B. M. xxxii, p. 454, (1865).
Kanara.

Genus **Menapia.**

1512. Menapia kamadena.

Menapia kamadena, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.
N.-E. Bengal.

Genus **Phalera.**

1513. Phalera amboinæ.

Acrosema amboinæ, Felder, Reise Novara, pl. 96, fig. 2, (1864-75).
Phalera amboinæ, Sitzber, Akad. Wiss., p. 39, (1861).
Sikkim.

1514. Phalera arenosa.

Phalera arenosa, Butler, Ann. Mag. Nat. Hist. (5), vi, p. 66, (1880).
———————Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 3, (1886).
Darjiling.

1515. PHALERA BOBI.

Phalera bobi, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 21, fig. 6.

Collection Swinhoe, Bombay.

1516. PHALERA COSSOIDES.

Phalera cossoides, Walker, Trans. Ent. Soc. (3), i, p. 80, (1862-64).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

I. M., Khasi Hills, Sikkim (Barnes), Calcutta (de Niceville), Sibsagar (Peal).
Also recorded from Sylhet.

1517. PHALERA GROTEI.

Phalera grotei, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, pl. 23, figs. 5, 5*a*, 5*b*, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 682.

Calcutta.

1518. PHALERA PARIVALA.

Phalera parivala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, (1859).
———— Butler, Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 2, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim, Nilgiri Hills.

1519. PHALERA PROCERA.

Acrosema procera, Felder, Reise Novara, pl. 96, fig. 1, (1864-75).

Sikkim.

1520. PHALERA RAYA.

Phalera raya, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).
————Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 103, fig. 1, (1886).

I. M., Sikkim (Barnes).
Collection Swinhoe, Bombay, Sikkim, Simla, Nilgiris.

1521. PHALERA SANGANA.

Phalera sangana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 682.
———— Butler, Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 4, (1886).

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1522. PHALERA SIMILIS.

Endoclyta similis, Felder, Reise Novara, pl. 81, fig. 3, (1864-75).

Himalayas.

1523. Phalera stigmigera.

Phalera stigmigera, Butler, Ann. Mag. N. H., (5), vi, p. 66, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 5, (1886).

Bhotan.

1524. Phalera tenebrosa.

Phalera tenebrosa, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

Genus **Ramesa.**

1525. Ramesa apicalis.

Ramesa apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 12, (1879).

Darjiling.

1526. Ramesa ligniferata.

Ramesa ligniferata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865).

N. India.

1527. Ramesa tosta.

Ramesa tosta, Walker, Cat. Lep. Het. B. M. v, p. 1017, (1855).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 5, (not 15), (1886).

N. India.

Genus **Callænia.**

1528. Callænia elongata.

Callænia elongata, Butler, Ann. Mag. N. H. (5) vi, p. 67, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 11, pl. 103, fig. 7, (1886).

Collection Swinhoe, Simla.
Also recorded from Sikkim.

1529. Callænia pullata.

Callænia pullata, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.

Dalhousie.

Genus **Hyperæschra.**

1530. Hyperæschra pallida.

Hyperæschra pallida, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 6, (1886).

Darjiling, Singapore.

Family SATURNIIDÆ.

Genus **Actias.**

1531. ACTIAS IGNESCENS.

Actias ignescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.
———— Wardle's Wild Silks of India, p. 5, (1881).

Andaman Is.

1532. ACTIAS LETO.

Saturnia leto, Doubleday, Proc. Ent. Soc. Lond. v, p. li, pl. 15, (1847-49).
Tropæa leto, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).
Actias leto, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Massen, Beitr. Schmett. i, fig. 10, (1869).*
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).

I. M., Sibsagar (Peal), Buxa (Moti Ram), Sikkim (purchased).
Also recorded from the Khasi Hills.

1533. ACTIAS MÆNAS.

Actias mænas, Doubleday, Ann. Nat. Mag. Hist. xix, p. 95, pl. 7, fig. 1, (1847).
———— Westw., Cab. Or. Ent., p. 45, pl. 22, fig. 1, (1848).
———— Massen, Weymer Beitr. Zur. Schmett. 1872, figs. 25, 26.*
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
Tropæa mænas, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).

Collection Swinhoe, Darjiling.
Also recorded from the Khasi Hills and Sylhet.

1534. ACTIAS SELENE.

Echidna selene, Hübner, Samml. Exot. Schmett. i, pl. 172, p. 3, (1806-19).*
Phalæna Attacus luna, Cramer, Pap. Exot. i, pl. 31, figs. A, B, (1775), (*nec* Drury).
Actias selene, Macleay, Zool. Miscl. ii, pl. 70, (1815).*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 400, pl. 19, figs. 3, 3*a*, (1859).
———— Wardle's Wild Silks of India, p. 5, pl. 13, fig. 1, and pl. 14, (1881).
———— Lep. Ceyl. ii, p. 123, pl. 126, figs. 1, 1*a*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306.
Tropæa selene, Hübn., Verz. Bek. Schmett., p. 152, (1816).
———— Walker, Cat. Lep. Het B. M. vi, p. 1262, (1855).
Plectropteron dianæ, Hutton, Ann. Mag. N. H. xvii, p. 60, (1846).
———— Trans. Ent. Soc. Lond. v, p. 45, pl. 5, fig. 11, (1847-49).
Plectropteron selene, Hutton, Trans. Ent. Soc. Lond. v, p. 85, (1847-49).

I. M., Sikkim (Barnes), Khasi Hills (Chennel), Shillong, Sylhet, Sibsagar (Peal).
Collection Swinhoe, Simla, Belgaum, Darjiling, Matheran.
Also recorded from Ceylon and China.

Genus **Attacus**.

1535. ATTACUS ATLAS.

Phalæna atlas, Linn., Mus. Lud-Ulr, p. 366, (1764).
——————— Syst. Nat. i, ii, p. 808, (1767).
——————— Cramer, Pap. Exot. iv, pl. 381, fig. C., and pl. 382, fig. A, (1781), also i, pl 9, fig. A, var., (1775).
Bombyx atlas, Fabr., Syst. Ent. 1, p. 556, (1775).
——————— Sp. Ins. ii, p. 167, (1781).
——————— Mant. Ins. ii, p. 108, (1787).
——————— Ent. Syst. iii, i, p. 407, (1793)
——————— Olivier, Enc. Meth. Ins. v, 24, pl. 69, fig. 1.*
Attacus atlas, Hübner, Verz. Bek. Schmett. pp. 156, 1625, (1816).
——————— Walker, Cat. Lep. Het. B. M. v, p. 1218, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 405, pl. xx, figs. 2, 2*a*, (1859).
——————— Moore, Wardle's Wild Silks of India, p. 4, pls. 9, 10, (1881).
Saturnia silhetica, var., Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).

I. M., Sylhet, Sibsagar (Moti Ram), Cachar (Hutton?), Mussooree (Hutton?), Almora (Hutton?), Sikkim (Barnes), Buxa (Moti Ram), Perak (purchased), Johore.
Collection, Swinhoe, Belgaum, Nilgiri Hills, Darjiling, Khandalla.
Also recorded from Ceylon and Java.

1536. ATTACUS CANNINGII.

Attacus canningii, Walker, Cat. Lep. Het. xxxii, p. 525, (1865).
——————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

N.-W. Himalayas.

1537. ATTACUS CYNTHIA.

Phalæna (*Attacus*) *cynthia*, Drury, Exot. Ins. ii. pl. 6, fig. 2, (1773).
——————— Cramer, Pap. Exot. i, pl. 39, fig. A, (1775).
Bombyx cynthia, Oliv., Enc. Meth. v, 30, 26.
Samia cynthia, Hübn., Verz. Bek. Schmett., p. 156, 1629, (1816).
Phalæna cynthia, Roxburg, Trans. Linn. Soc. Lond. vii, p. 42. pl 3.
——————— Helfer, Journ. As. Soc. Beng. vi. p. 45, pl. 5, (1837).
Saturnia cynthia, Westw., Ed. Drury. ii, p. 12, pl. 6. fig. 2, (1837).*
Attacus cynthia, Walker, Cat Lep. Het. B. M. v, p. 1220, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, pl. 20, figs. 3, 3*a*, (1859).
——————— Wardle's Wild Silks of India, p. 4, pl. 19, figs. 1, 2, (1881).

I. M., Sikkim (Barnes), Buxa (Moti Ram), Simla, Sibsagar (Peal), Cachar (Hutton), Shillong, Sylhet.
Collection Swinhoe, Simla, Nilgiri Hills.
Also recorded from Java, China, and Tasmania.

1538. ATTACUS EDWARDSII.

Attacus edwardsii, White, Proc. Zool. Soc. Lond, 1859, p. 115, pl. 57.
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 406, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 524, (1865).
——————— Butler, Ill. Typ. Lep. Het. (v), p. 60, pl. 92, 93.(1881).
——————— Moore, Wardle's Wild Silks of India, p. 4, (1881).

I. M., Shillong, Sikkim (Barnes).
Allied to *A. atlas*.

1539. Attacus guerini.

Attacus guerini, Moore, Proc. Zool. Soc. Lond. 1859, p. 269, pl. 65, fig. 3.
———— Cat. Lep. Mus. E. I. C. ii, p. 409, (1859).
———— Walker, Cat. Lep, Het B. M. xxxii, p. 525, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 5, (1881).

Bengal.

1540. Attacus obscurus.

Attacus obscurus, Butler, Trans Ent. Soc. Lond. 1879, p. 5.
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).

Cachar.

1541. Attacus ricini.

Saturnia ricini, Boisd., Ann. Soc. Ent. Fr. (3) ii, p. 755, (1854).
Attacus lunula, Walker, Cat. Lep. Het. B. M. v, p. 1221, (1855).
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
Attacus ricini, Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, (1859).
———— Walker. *loc. cit.*, xxxii, p. 525, (1865).
———— Moore, Wardle's Wild Silks of India, p. 4, pl. 8, figs. 1, 2, (1881).
Philosamia lunula, Butler, Ill. Typ. Lep. Het. v, p. 601, pl. 94, fig. 1, (1881).

I. M., Dinajpur, Kalliganj, Sibsagar (Peal), Bengal (Hutton ?).
Also recorded from Ceylon and China.
Allied to *A. cynthia*.

1542. Attacus silhetica.

Saturnia silhetica, Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).
Attacus silhetica, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

Sylhet, Dacca.

1543. Attacus taprobanis.

Attacus taprobanis, Moore, Lep. Ceyl. ii, p. 124, pl. 127, figs. 1, 1*a*, (1882).

Ceylon.

1544. Attacus vesta.

Attacus vesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865).

India.

Genus **Saturnia**.

1545. Saturnia anna.

Saturnia anna, Moore, Proc. Zool. Soc Lond. 1865, p. 818.
———— Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1546. SATURNIA CIDOSA.

Saturnia cidosa, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 423. pl. 22, fig. 2, (1864-66).
———— Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.

1547. SATURNIA GROTEI.

Saturnia grotei, Moore, Proc. Zool. Soc. Lond. 1859, p. 265, pl. 65, fig. 2.
———— Cat. Lep. Mus. E. I. C. ii, p. 404, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii. p. 530, (1865).
———— Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, figs. 3, 4, (1881).
———— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Thibet.

1548. SATURNIA IOLE.

Saturnia iole, Westw., Proc. Zool. Soc. Lond. 1881, p. 144, pl. 12, fig. 1.

Assam.

1549. SATURNIA LINDIA.

Saturnia lindia, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, pl. 22, fig. 3. (1864-66).
———— Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.
Allied to *S. Grotei*.

1550. SATURNIA PYRETORUM.

Saturnia pyretorum, Westw., Cab. Or. Ent. p. 49, pl. 24, fig. 2, (1848).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1273, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Asia.

Genus **Neoris**.

1551. NEORIS HUTTONI.

Neoris huttoni, Moore, Trans. Ent. Soc. Lond. iii, i, p. 321, (1862-64).
———— Wardle's Wild Silks of India, p. 6, 1881.

Collection Swinhoe, Simla.
Also recorded from Mussooree.

1552. NEORIS SHADULLA.

Neoris shadulla, Moore, Proc. Zool. Soc. Lond. 1872, p. 577.
———— Wardle's Wild Silks of India, p. 7, (1881).

Yarkand.

1553. NEORIS STOLICZKANA.

Saturnia stoliczkana, Felder, Reise Novara Lep. iv, pl. 87, fig. 3, (1864-75).
Neoris stoliczkana, Moore, Wardle's Wild Silks of India, p. 7, (1881).

Ladak.

Genus **Loepa**.

1554. LOEPA KATINKA.

Saturnia katinka, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 2, (1848).
Antheræa katinka, Walker, Cat. Lep. Het. B. M. v, p. 1251, (1855).
Loepa katinka, Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, pl. 20, figs. 1, 1*a*, (1859).
———— Walker, *loc. cit.*, xxxii, p. 530, (1865).
———— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Yunan.
Collection Swinhoe, Simla, Darjiling, Java.
Also recorded from Assam.

1555. LOEPA MIRANDA.

Loepa miranda, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, (1864-66).
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1944, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 7, (1881).
Antheræa miranda, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

I. M., Sibsagar, Sikkim (purchased), Shillong.
Closely allied to *L. katinka*.

1556. LOEPA SIKKIMA.

Loepa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.
———— Wardle's Wild Silks of India, p. 7, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

1557. LOEPA SIVALICA.

Loepa sivalica, Moore, Wardle's Wild Silks of India, p. 7, (1881).

Mussooree.

Genus **Antheræa**.

1558. ANTHERÆA ANDAMANA.

Antheræa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.
———— Wardle's Wild Silks of India, p. 6, (1881).

S. Andaman Is.

1559. ANTHERÆA ASSAMA.

Saturnia assama, Westw., Cab. Or. Ent., p. 42, pl. 20, fig. 2, (1848).
Saturnia assamensis, Helfer, Journ. As. Soc. Beng. vi, p. 43, (1837).

ANTHERÆA ASSAMA,—*continued.*

Antheræa assama, Walker, Cat. Lep. Het. v, p. 1249, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 398, pl. xix, figs. 2, 2*a*, (1859).
——————— Wardle's Wild Silks of India, p. 6, (1881)
Antheræopsis assama, Wood-Mason, Annual Report, Indian Museum, p. 21, (1886).

I. M., Debra Dhun (Hutton ?), Sibsagar, Gauhati (Mein).
Also recorded from Ceylon.
Known as the "Muga."

1560. ANTHERÆA CINGALESA.

Antheræa cingalesa, Moore, Lep. Ceyl. ii, p. 122, pl. 125, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

1561. ANTHERÆA FRITHI.

Antheræa frithi, Moore, Proc. Zool.Soc. Lond. 1859, p. 256, pl. 65, fig. 1.
——————— Cat. Lep. Mus. E. I. C. ii, p. 396, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).
——————— Butler, Ill. Typ. Lep. Het. v, p. 59, pl. 91, fig. 8, (1881).
——————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased), Buxa (Moti Ram).
Collection Swinhoe, Darjiling.

1562. ANTHERÆA HELFERI.

Antheræa helferi, Moore, Proc. Zool. Soc. Lond. 1859, p. 257, pl. 64, fig. 2.
——————— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).
——————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (Barnes).

1563. ANTHERÆA MEZANKOORIA.

Antheræa mezankooria, Moore, Wardle's Wild Silks of India, p. 5, (1881).

Assam.

1564. ANTHERÆA MYLITTA.

Phalæna (*Attacus*) *mylitta*, Drury, Ill. Exot. Ins. ii, pl. 5, fig. 1, (1773).
Attacus mylitta, Blanch., Jacq. Voy. dans l'Inde, p. 24, pl. 3, figs. 1, 2, (1844).
Bombyx mylitta, Fabr., Syst. Ent. p. 558, 6, (1775).
——————— Oliv., Enc. Meth. v, p. 26, 9, pl. 69, fig. 5.*
Phalæna paphia, Cramer, Pap. Exot. ii, pl. 147, figs. A, B, (1777).
——————— Roxburgh, Trans. Linn. Soc. Lond. vii, p. 33, (1804).
Antheræa mylitta, Hübn., Verz. Bek. Schmett. p. 152, 1589, (1816).
——————— Walker, Cat. Lep. Het. B. M. v, p. 1247, (1855), and vi, p. 1378, (1855).
——————— Moore, Wardle's Wild Silks of India, p. 5, pl. 2, figs. 1, 2, (1881).
——————— Aurivillius, Sv. Akad. Hand. xix, 5, p. 148, Note, (1882).

ANTHERÆA MYLITTA,—*continued.*

Antheræa paphia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 385, pl. 19, figs. 1, 1*a*, (1859).
———— Beavan, Proc. Ent. Soc. Lond. (3) ii, pp. 40-43, (1864-66).
Saturnia mylitta, Westw., Ed. Drury ii, p. 10, pl. 5, fig. 1, (1837)*.
Saturnia paphia, Helfer, Journ. As. Soc. Beng. vi p. 42, (1837).
Saturnia pernyi, Guer., Rev. et Mag. de Zool. 1855, p. 297, pl. 6, fig. 1, var.
———— Zimmermann, Verh. Ver. Hamb. iii, p. 23, (1878)*.
———— Präger, Stett. Ent. Zeit. 3, 9, p. 245, (1878).*

I. M., Manbhum (Bevan), Hyderabad (Hutton?), Goalpara, Hazaribagh, Calcutta, Naini Tal, Pondicherry (Hutton?), Sylhet, Central India, Sikkim (purchased), Muttra, Palamow, Bhagulpore, Colgong (Hutton?), Berhampore, Sambulpore, Akra (Cleghorn). Besides an hermaphrodite imago and its cocoon, from Chandernagore, (purchased).
Also recorded from Ceylon and China.
Known as the "Tusser."

1565. ANTHERÆA NEBULOSA.

Antheræa nebulosa, Hutton.
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

I. M., Singbhum (Hutton?).
Collection Swinhoe, Assigarh, Satara, Bombay, Poona, Thanna.
Closely allied to *A. mylitta*.

1566. ANTHERÆA PERROTTETII.

Bombyx perrottetii, Guer., Mag. Zool. 1843, Ins., pl. 123*.
Antheræa perrottetii, Walker, Cat. Lep. Het. B. M. vi, p. 1379, (1855).
———— Moore, Wardle's Wild Silks of India, p. 6, (1881).

Pondicherry.

1567. ANTHERÆA ROYLEI.

Antheræa roylei, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 64, fig. 1.
———— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).
———— Moore, Wardle's Wild Silks of India, p. 6, pl. 7, fig. 1, (1881).

I. M., Mussooree (Hutton?), Sikkim, Khasi Hills (Chennel).
Collection Swinhoe, Darjiling.

1568. ANTHERÆA SIMPLICIA.

Antheræa simplicia, Massen & Weymer, Beitr. zur Schmett., pt. ii, p. 20, (1872)*.

E. Indies.

Genus **Salassa.**

1569. SALASSA LOLA.

Saturnia lola, Westw., Cab. Or. Ent., p. 25, pl 12, fig. 3, (1848).
Antheræa lola, Walker, Cat. Lep. Het. B. M. v, p. 1252, (1855).
Salassa lola, Moore, Wardle's Wild Silks of India, p. 6, (1881).
———— Moore, Proc. Zool. Soc. Lond. 1859, p. 246.

Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Caligula.**

1570. CALIGULA CACHARA.

Caligula cachara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.
———— Wardle's Wild Silks of India, p. 6, (1881).

Cachar.

1571. CALIGULA SIMLA.

Saturnia simla, Westw., Cab. Or. Ent., p. 41 pl. 20, fig. 1, (1848).
Antheræa simla, Walker, Cat. Lep. Het. B. M. v, p. 1249, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, (1859).
Caligula simla, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Simla (DeNiceville), Mussooree (Hutton?), Khasi Hills.
Collection Swinhoe, Simla, Kashmir.

1572. CALIGULA THIBETA.

Saturnia thibeta, Westw., Proc. Zool. Soc. Lond. 1853, p. 166.
———— Ann. Nat. Hist (2), xv, p. 302, (1855).
Antheræa thibeta, Walker, Cat. Lep. Het. B. M. v, p. 1250, (1855).
Caligula thibeta, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 6, (1881).

Darjiling, Thibet.
Closely allied to *C. simla*.

Genus **Rinaca.**

1573. RINACA EXTENSA.

Rinaca extensa, Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, fig. 2, (1881).

Darjiling.

1574. RINACA ZULEIKA.

Saturnia zuleika, Hope, Trans. Linn. Soc. Lond. xix, p. 132, pl. 11, fig. 5, (1845).
Rinaca zuleika, Walker, Cat. Lep. Het. B. M. vi, p. 1275, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
———— Massen & Weymer, Beitr. Zur Schmett ii, fig. 24, (1872.)*
———— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Simla, Darjiling.
Also recorded from Sylhet.

Genus **Rhodia.**

1575. RHODIA NEWARA.

Rhodia newara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.
———— Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).
Also recorded from Nepal.

Genus **Brahmæa.**

1576. BRAHMÆA CERTHIA.

Bombyx certhia, Fabr., Ent. Syst. iii, i, p. 412, 16, (1793).
I. M., Sikkim (purchased), Shillong.
Collection Swinhoe, Darjiling.

1577. BRAHMÆA CONCHIFERA.

Brahmæa conchifera, Butler, Ann. Mag. N. H. (5), v, p. 188, (1880).
———— Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs 3, 4, 1881).
Bramhæa certhia, Walker, (*nec*), Fabricius) Cat. Lep. Het. B. M. vi, p. 1316, (1855).
———— Moore, Cat. Lep. Mus. E. I C. ii, p. 410, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1866, p. 118, fig 1.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet, Darjiling.

1578. BRAHMÆA RUFESCENS.

Brahmæa rufescens, Butler, Ann. Mag. N. H. (5), vi, p. 62, (1880).
N.-E. Bengal.

1579. BRAHMÆA WALLICHII.

Brahmæa wallichii, Gray, Zool. Misc., p. 39, (1832).*
———— Lep. Ins. Nepal., pls. 15, 16, (1833).*
Bombyx spectabilis, Hope, Trans. Linn. Soc. Lond. xviii, p. 443, pl. 31, fig. 3, (1841).
Brahmæa wallichii, Butler, Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs. 5, 6, (1881).

Assam, Nepal.

1580. BRAHMÆA WHITEI.

Brahmæa whitei, Butler, Proc. Zool. Soc. Lond. 1866, p. 119, fig. 2.
———— Massen and Weymer, Beitr. zur, Schmett. pt. ii, fig. 17, (1872).*
———— Butler, Ill. Typ. Lep. Het. v, p. 62, pl. 95, figs. 1, 2, (1881).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
Brahmæa hearseyi, White, Proc. Ent. Soc. Lond. (3), i, p. 26, (1862-64).

N.-W. India.

Family COSSIDÆ.

Genus **Cossus.**

1581. Cossus abruptus.

Cossus abruptus, Walker, Cat. Lep. Het. B. M. xxxii, p. 584, (1865).
India.

1582. Cossus cadambæ.

Cossus cadambæ, Moore, Proc. Zool. Soc. Lond. 1865, p. 822.
Calcutta.

1583. Cossus cashmirensis.

Cossus cashmirensis, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).
Kashmir.

Genus **Zeuzera.**

1584. Zeuzera acronyctoides.

Brachylia acronyctoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 4.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515; 1885, p. 306; and 1886, p. 441.
Collection Swinhoe, Karachi, Mhow, Bombay.

1585. Zeuzera albofasciata.

Zenzera (sic) *albofasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).
Darjiling.

1586. Zeuzera asylas.

Phalæna asylas, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. C, (1777).
Hepialus scalaris, Fabr., Sp. Ins. ii, p. 208, 4, (1781).
——————— Mant. Ins. ii, p. 135, 7, 1787).
Cossus scalaris, Fabr., Ent. Syst. iii, 2, p. 5, 5. (1794).
Morpheus scalaris, Hübn., Verz Bek Schmett., p. 196, 2005, (1816).
Zeuzera scalaris, Donov., Ins. India, p. 83, pl. 53, fig. 2, (1838).
Zeuzera asylas, Walker, Cat. Lep. Het. B. M. vii, p. 1588, (1856).
India, China.
I. M., Sikkim (Peters), Kulu (purchased).

1587. Zeuzera bivittata.

Zeuzera bivittata, Walker, Cat. Lep. Het. B. M. xxxii, p. 586, (1865).
Collection Swinhoe, Karachi.

1588. Zeuzera coffeæ.

Zenera (sic) *coffeæ*, Neitner, Obs. Enemies of Coffee in Ceylon, p. 21, (1861).*
Zeuzera coffeæ Moore, Lep. Ceyl. ii, p. 154, p. 143, figs. 1, 1*a*, 1*b*, (1882).
I. M., Cachar (Wood-Mason).
Also recorded from Ceylon.

1589. Zeuzera conferta.

Zeuzera conferta, Walker, Cat. Lep. Het. B. M. vii, p. 1536, (1856).
Zenzera (sic) *conferta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 686.
———— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 10, (1886).

Sylhet.

1590. Zeuzera indica.

Zeuzera indica, Herr Schäffer, Lep. Exot. Spec. Nov. 1854, fig. 166.*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).
Zeuzera paucipunctata, Walker, Cat. Lep. Het. B. 17 vii, p. 1537, (1856).
Zenzera (sic) *paucipunctata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

I. M., Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim.

Also recorded from Sylhet.

1591. Zeuzera leuconota.

Zeuzera leuconota, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1859).
Zenzera (sic) *leuconota*, Proc. Zool. Soc. Lond. 1867, p. 685.
———— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 108, figs. 1, 2, (1886).
Hinnæya leuconota, Moore, Lep. Ceyl. ii, p. 152, pl. 143, figs. 3, 3*a*, (1882).

I. M., Sikkim, Simla, Calcutta (Thomas).
Collection Swinhoe, Simla.
Also recorded from Sylhet and Ceylon.

1592. Zeuzera mineus.

Phalæna (*Bombyx*) *mineus*, Cramer, Pap. Exot. ii, pl. 131, fig. D, (1777).
Chalcidica minea, Hübn., Verz. Bek. Schmett., p. 197, 2011, (1816).
Zeuzera minea, Donov., Ins. Ind., p. 82, pl. 53, fig. 1, (1838).
Zeuzera mineus, Walker, Cat. Lep. Het. B. M. vii, p. 1535, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1855).
Zeuzera viridicans, Eschscholtz, Kotz. Reise, p. 216, , fig. 29.*

I. M., Sylhet, Calcutta, Sikkim.
Collection Swinhoe, India.
Also recorded from Manilla and Java.

1593. Zeuzera multistrigata.

Zenzera (sic) *multistrigata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.
Zeuzera indica, Walker, (*nec* Herr Schäff.), Cat. Lep. Het. B. M. vii, p. (1856).

Darjiling.

1594. Zeuzera nigra.

Zenzera (sic) *nigra*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).
Zeuzera nigra, Moore, Lep. Ceyl. ii, p. 155, pl. 143, figs. 2, 2*a*, (1882).

Ceylon.

1595. Zeuzera pardicolor.

Zenzera (sic) *pardicolor*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

1596. Zeuzera pusilla.

Zeuzera pusilla, Walker, Cat. Lep. Het. vii, p. 1538, (1856).
Zenzera (sic) *pusilla*, Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 9, (1886).

I. M., Bangalore.

1597. Zeuzera signata.

Zeuzera signata, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

N. India.

1598. Zeuzera stigmatica.

Zenzera (sic) *stigmatica*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

Genus **Duomitus.**

1599. Duomitus ligneus.

Duomitus ligneus, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).
——— Ill. Typ. Lep. Het. vi, p. 29, pl. 108, fig. 3, (1886).

I. M., Sikkim (purchased).
Also recorded from Nias.

Genus **Phragmatœcia.**

1600. Phragmatœcia fæda.

Phragmatœcia fœda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, pl. 47, fig. 1.

Collection Swinhoe, Karachi.

1601. Phragmatœcia minor.

Phragmatœcia minor, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).
——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.

Collection Swinhoe, Mhow.
Also recorded from Sylhet.

1602. Phragmatœcia saccharum.

Phragmatœcia saccharum, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

Darjiling.

Genus **Arbela.**

1603. ARBELA QUADRINOTATA.

Cossus quatuornotatus, Walker, Cat. Lep. Het. B. M. vii, p. 1521, (1856).
Arbela quadrinotata, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.
——————— Lep. Ceyl. ii, p. 155, pl. 143, fig. 3, (1882).

Ceylon.

1604. ARBELA TESSELLATA.

Cossus tessellatus, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).
Arbela tessellata, Moore, Proc. Zool. Soc. Lond. 1879, p. 411.

Calcutta.

1605. ARBELA TETRAONIS.

Arbela tetraonis, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 3.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona.
Also recorded from Bombay.

FAMILY HEPIALIDÆ.

Genus **Hepialus.**

1606. HEPIALUS INDICUS.

Hepialus indicus, Walker, Cat. Lep. Het. B. M. vii, p. 1558, (1865).

I. M., Simla, Sibsagar.
Collection Swinhoe, Solun.

1607. HEPIALUS MARCIDUS.

Hepialus marcidus, Butler, Ann. Mag N. H. (5), vi, p. 69, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 29, pl. 108, figs. 4, 5, (1886).

Darjiling.

1608. HEPIALUS MURINUS.

Hepialus murinus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Dharmsala.

1609. HEPIALUS NEPALENSIS.

Hepialus nepalensis, Walker, Cat. Lep. Het. B. M. vii, p. 1557, (1865).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 438, (1859).
———————Proc. Zool. Soc. Lond. 1867, p. 686.

Nepal, Sikkim.

1610. Hepialus pauperatus.

Hepialus pauperatus, Walker, Cat. Lep. Het. B. M. xxvii, p. 593, (1865).
———— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 108, figs. 6, 7, (1886).

India.
I. M., Kulu (Young).

1611. Hepialus sexnotatus.

Hepialus sexnotatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.
Darjiling.

1612. Hepialus tavoyanus.

Hepialus tavoyanus, Moore, Journ. As. Soc. Beng. (55), 2, i, p. 98, (1886).
I. M., Tavoy (Type—Moti Ram).

1613. Hepialus umbrinus.

Hepialus umbrinus, Moore, Descr. Ind. Lep. Atk. i, p. 88, (1879).
Darjiling.

Genus **Gorgopis.**

1614. Gorgopis vilis.

Gorgopis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 596, (1865).
N. India.

Genus **Phassus.**

1615. Phassus aböe.

Phassus aböe, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1851).
———— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 1, (1886).
Darjiling.

1616. Phassus albofasciatus.

Phassus albofasciatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413, pl. 34, fig. 8.
Nilgiri Hills.

1617. Phassus chalybeatus.

Phassus chalybeatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.
Darjiling.

1618. Phassus damor.

Phassus damor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).
————Butler, Ill. Typ. Lep. Het. vi, p. 31, pl. 109, fig. 3, (1886).
Darjiling.

1619. Phassus malabaricus.

Phassus malabaricus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.
Kanara, Ootacamand.

1620. Phassus purpurescens.

Phassus purpurescens, Moore, Lep. Ceyl. ii, p. 156, pl. 143, fig. 4, (1882).
I. M., Perak (purchased).
Also recorded from Ceylon.

1621. Phassus salsettensis.

Phassus salsettensis, Moore, Proc. Zool. Soc. Lond. 1879, p. 412, pl. 34; fig. 5.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.
Collection Swinhoe, Poona.
Also recorded from Bombay.

1622. Phassus signifer.

Phassus signifer, Walker, Cat. Lep. Het. B. M. vii, p. 1568, (1856).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 2,(1886).
Sylhet, Ceylon, Borneo.

1623. Phassus undulifera.

Phassus undulifera, Walker, Char. Undescr Lep. Het. p. 102, (1869).
Benares.

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Group NOCTUES.

Family CYMATOPHORIDÆ.

Genus Thyatira.

1624. Thyatira batis.

Phalæna (*Noctua*) *batis*, Linn., Syst. Nat. Tom. i, pt. v, p. 2546, No. 97.
——————— Faun. Suec., p. 308, No. 1158, (1761).
Noctua batis, Fabr., Sp. Ins. ii, p. 216, No. 42, (1781).
——————— Mant. Ins. ii, p. 141, No. 56, (1787).
——————— Ent. Syst. iii, 2, p. 30, No. 73, (1794).
——————— Esper., Schmett iv, pl. 86, figs. 6-8; and pl. 103, figs. 7-9.*
——————— Bork., Eur. Schmett iv, 159, 65.*
——————— Hübn., Eur. Schmett. Noct. 4, pl. 62, (1806—18).
Strophia batis, Treit., Schmett Eur. 2, 162, 1.*
Thyatira batis, Hübn., Verz. Bek. Schmett, p. 236, No. 2355, (1816).
——————— Dup., Hist. Nat. Lep. France, vii, p. 46, pl. 103, fig. 3.*
——————— Curtis, Brit. Ent. ii, pl. 12.*
——————— Steph., Ill. Brit. Ent. Haust. iii, 48, 2.*
——————— Boisd., Ind. Meth., p. 130, No. 1041, (1840).
——————— Herrich Schäffer, Eur. Schmett. ii, 170, 9.*
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 45.

I. M., Kulu (Young), Sikkim (purchased).
Collection Swinhoe, Simla.
Also recorded from Europe.

1625. Thyatira decorata.

Thyatira decorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 328, pl. 37, fig. 1.
——————— Descr. Ind. Lep. Atk. ii, p. 89, (1882).

Darjiling.

Genus Saronaga.

1626. Saronaga albicosta.

Thyatira albicosta, Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
Saronaga albicosta, Moore, Proc. Zool. Soc. Lond. 1881, p. 330.

Darjiling.

Genus Gaurena.

1627. Gaurena florens.

Gaurena florens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865); and xxxv, p. 1953, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
Thyatira florens, Butler, Ill. Typ. Lep. Het., pt. vi, p. 31, pl. 109, fig. 4, (1886).

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1628. Gaurena florescens.

Gaurena florescens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865) and 1953, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
Thyatira florescens, Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 32, pl. 109, fig. 5, (1886).

I. M., Sikkim.

Genus **Habrosyne.**

1629. Habrosyne armata.

Habrosyne armata, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).

Khasi Hills.

1630. Habrosyne indica.

Gonophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 44.
——————— Waterhouse, Aid. i, pl. 9, (1880-82).

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1631. Habrosyne plagiosa.

Habrosyne plagiosa, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).

Collection Swinhoe, Darjiling.

1632. Habrosyne sanguinea.

Habrosyne sanguinea, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).

Darjiling.

Genus **Risoba.**

1633. Risoba basalis.

Risoba basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, (1882).

Cherrapunji, Sikkim.

1634. Risoba confluens.

Risoba confluens, Moore, Descr. Lep. Atk. ii, p. 92, (1882).

Darjiling.

1635. Risoba diversipennis.

Heliothis diversipennis, Walker, Cat. Lep. Het. B. M. xv, p. 1750, (1858).
Risoba diversipennis, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.

Malacca, Singapore, North India.

1636. Risoba literata.

Risoba literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.

Nilgiri Hills.

1637. RISOBA OBSTRUCTA.

Bolina obstructa, Walker, MS.
Risoba obstructa, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.
——————— Lep. Ceyl. iii, p. 2, pl. 144, figs. 2, 2*a*, 2*b*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

Collection Swinhoe, Mhow.
Also recorded from Calcutta and Ceylon.

1638. RISOBA PROMINENS.

Risoba prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.

Khasi Hills, Malacca.

1639. RISOBA REPUGNANS.

Thyatira repugnans, Walker, Cat. Lep. Het. B. M. ix, p. 9, (1856).
Risoba repugnans, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.
——————— Lep. Ceyl., vol. iii, p. 1, pl. 144, fig. 1, (1884).

Collection Swinhoe, Ceylon.
Also recorded from North India.

1640. RISOBA VIALIS.

Risoba vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, pl. 4, fig. 1, (1882).

Darjiling.

Genus **Kerala.**

1641. KERALA MULTIPUNCTATA.

Kerala multipunctata, Moore, Descr. Ind. Lep. Atk. ii, p. 93, pl. 4 fig., (1882).

Darjiling.

1642. KERALA PUNCTILINEATA.

Kerala punctilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 330.
——————— Descr. Ind. Lep. Atk. ii, p. 92, (1882).

Darjiling.
Collection Swinhoe, Sikkim.

Genus **Palimpsestis.**

1643. PALIMPSESTIS ALTERNATA.

Palimpsestis alternata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 2.
——————— Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.
Allied to *P. ocularis* of Europe.

1644. PALIMPSESTIS CUPRINA.

Palimpsestis cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 3.
——————— Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.

Genus **Pitrasa.**

1645. PITRASA VARIEGATA.

Pitrasa variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 2, (1882).

Darjiling.

1646. PITRASA VITELLINA.

Pitrasa vitellina, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 3, (1882).

Darjiling.

Genus **Tycracona.**

1647. TYCRACONA OBLIQUA.

Tycracona obliqua Moore, Descr. Ind. Lep. Atk. ii, p. 95, (1882).

Cherrapunji, Darjiling.

1648. TYCRACONA TRANSVERSA.

Tycracona transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 95, pl. 4, fig. 5, (1882).

Darjiling.

Genus **Sydiva.**

1649. SYDIVA NIGROGRISEA.

Sydiva nigrogrisea, Moore, Descr. Ind. Lep. Atk. ii, p. 96, (1882).

Darjiling.

Genus **Osica.**

1650. OSICA UNDULATA.

Osica undulata, Moore, Proc. Zool. Soc. London, 1867, p. 45.

Bengal.

Genus **Lazanda.**

1651. LAZANDA FASCIATA.

Lazanda fasciata, Walker, Cat. Lep. Het. B. M. xxxii, p. 605, (1865).

India.

FAMILY LEUCANIIDÆ.

Genus **Auchmis.**

1652. AUCHMIS SIKKIMENSIS.

Auchmis sikkimensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig 15.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).
——————— Waterhouse, Aid. i, pl. 10, (1880-82).

I. M., Kulu (Young), Sikkim, Khasi Hills, Ootacamund (Davison).

Collection Swinhoe, Kasauli, Nilgiri Hills, Thundiani (Punjab).

Genus **Sesamia.**

1653. SESAMIA FRATERNA.

Sesamia fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882).
Allied to *S. proscripta* and *S. inferens*.
Dharmsala.

1654. SESAMIA INFERENS.

Leucania inferens, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Sesamia inferens, Moore, Lep. Ceyl. iii, p. 8, pl. 145, fig. 3, (1884).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447; and 1886, p. 441.
Collection Swinhoe, Bombay, Hydrabad (Sind).
Also recorded from Ceylon and Mhow.

1655. SESAMIA PROSCRIPTA.

Leucania proscripta, Walker, Cat. Lep. Het., ix, p. 106, (1856).
——— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).
East Indies, Upper Burma.

Genus **Leucania.**

1656. LEUCANIA ABDOMINALIS.

Leucania abdominalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 338.
Collection Swinhoe, Dharmsala, and Khandalla.
Also recorded from Bengal.

1657. LEUCANIA ADUSTA.

Leucania adusta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.
——— Descr. Ind. Lep. Atk. ii, p. 99, (1882).
Manpuri, Darjiling, Khasi Hills.

1658. LEUCANIA ALBICOSTA.

Leucania albicosta, Moore, Proc. Zool. Soc. Lond. 1881, p. 338, pl. 37, fig. 10.
——— Descr. Ind. Lep. Atk. ii, p. 102, (1882).
Darjiling.
Allied to *L. dharma*.

1659. LEUCANIA ALBISTIGMA.

Leucania albistigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 9.
——— Descr. Ind. Lep. Atk. ii, p. 101, (1882).
Darjiling.

1660. Leucania bistrigata.

Leucania bistrigata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37, fig. 18.
——————— Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.
Allied to *L. decisissima*.

1661. Leucania byssina.

Leucania byssina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 40, fig. 6.

Collection Swinhoe, Mhow.

1662. Leucania canaraica.

Leucania canaraica, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Canara.

1663. Leucania collecta.

Leucania collecta, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 379.
——————— Ann. Mag. N. H. (5), xviii, p. 189, (1886).

Punjab, Campbellpore, Upper Burma.

1664. Leucania compta.

Leucania compta, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 8.
——————— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Pudda river.

1665. Leucania consimilis.

Leucania consimilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 19.
——————— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Collection Swinhoe, Solun.
Also recorded from Sikkim.
Allied to *L. decisissima*.

1666. Leucania costalis.

Leucania costalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 603, pl. 59, fig. 11.

Andaman Is., Malabar, Sikkim.

1667. Leucania decisissima.

Leucania decisissima, Walker, Cat. Lep. Het. B. M. xxxii, p. 624, (1865).
Leucania decissima (sic) Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
——————— Lep. Ceyl. iii, p. 10, (1884).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 32, pl. 109, fig. 6, (1886).
Leucania nareda, Felder & R. Reise, Nov. Lep., pl. 109, fig. 9, (1864-75).

I. M., Sibsagar (Peal), Sikkim, Andaman Is. (De Roepstorff).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet and Ceylon.

1668. LEUCANIA DENOTATA.

Leucania denotata, Walker, Cat. Lep. Het., ix, p. 107, (1856).

North India.

1669. LEUCANIA DESIGNATA.

Leucania designata, Walker, Cat. Lep. Het., ix, p. 107, (1856); and xxxii, p. 623, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Canara.

1670. LEUCANIA DHARMA.

Leucania dharma, Moore, Proc. Zool. Soc. Lond. 1881, p. 338, pl. 37, fig. 17.
———— Descr. Ind. Lep. Atk. ii, p. 101, (1882).

Darjiling.

1671. LEUCANIA EXEMPTA.

Leucania exempta, Walker, Cat. Lep. Het. B. M., xi, p. 710, (1857).
———— Moore, Lep. Ceyl. iii, p. 11, (1884).

Ceylon.

1672. LEUCANIA EXSANGUIS.

Leucania exsanguis, Guén, Noct. i, p. 83.*
———— Walker, Cat. Lep. Het. B. M. ix, p. 104, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

I. M., Kulu (Young).
Collection Swinhoe, Simla.
Also recorded from Sylhet and Java.

1673. LEUCANIA EXTERIOR.

Leucania exterior, Walker, Cat. Lep. Het. B. M. ix, p. 106, (1856); and xi, p. 710, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Punjab, West Indian Islands.

1674. LEUCANIA EXTRANEA.

Leucania extranea, Guén. Noct. i, 77, No. 104.*
———— Walker, Cat. Lep. Het. B. M., ix, p. 93, (1856); and xi, p. 710, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 447.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447; and 1886, p. 441.
———— Butler, Proc. Zool. Soc. London, 1886, p. 379.
Leucania separata, Walker, Cat. Lep. Het. B. M. xxxii, p. 626, (1865).
———— Moore, Lep. Ceyl. iii, p. 9, (1884).

I. M., Khasi Hills, Sibsagar, Kulu (Young), Shillong.
Collection Swinhoe, Kasauli, Sikkim, Simla, Mhow, Poona, Bombay.
Also recorded from America, New Zealand, Australia, China, and all parts of India.

1675. Leucania griseofasciata.

Leucania griseofasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Dalhousie.

1676. Leucania hamifera.

Leucania hamifera, Walker, Journ. Linn. Soc. vi. p. 179, (1862).
——————— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 33, pl. 109, fig. 7, (1886).
Leucania exsanguis, var. (?), Walker (*nec* Guén.), Cat. Lep. Het. B. M. ix, p. 104, (1856).

North India, Sarawak, Borneo.

1677. Leucania howra.

Leucania howra, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 16.
——————— Descr. Ind. Lep. Akt. ii, p. 101, (1882).

Calcutta.

1678. Leucania lanceata.

Leucania lanceata, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.
——————— Lep. Ceyl. iii, p. 10, pl. 145, fig. 5, (1884).

Ceylon.
Allied to *L. decisissima*.

1679. Leucania lineatipes.

Leucania lineatipes, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

Cherrapunji.
Allied to *L. impura* of Europe.

1680. Leucania loreyi.

Leucania loreyi, Dup., Hist. Nat. Lep. Fr. iv, p. 81, pl. 105, fig. 7, (1827).*
——————— Frey, Neu Beitr Schmett iv, pl. 413.*
——————— Boisd., Ind. Meth. 133, 1060.
——————— Guén., Ann. Soc. Ent. Fr. vi, p. 341, (1837).*
——————— Noct. i, 84, 121.*
——————— Herr Schäff., Eur. Schmett. ii, 233, 155*.
——————— Noct. ii, pl. 61, fig. 309, and pl. 62, fig. 314.*
——————— Walker, Cat. Lep. Het. B. M. ix, p. 84, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
——————— Ann. Mag. N. H. (5), 9, p. 210, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, and 1885, p. 447.
——————— Trans. Ent. Soc. Lond. 1885, p. 347.

I. M., Solun (Swinhoe), Kulu (Young), Karachi (Swinhoe).
Collection Swinhoe, Solun, Karachi, Somara, Sikkim, Quetta, Poona, Bombay.
Also recorded from Europe.

1681. Leucania modesta.

Leucania modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335, pl. 37, fig. 11.
———— Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.

1682. Leucania nainica.

Leucania nainica, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 15.
———— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Naini Tal.

1683. Leucania nigrilineosa.

Leucania nigrilineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882).

Khasi Hills.

1684. Leucania penicillata.

Leucania penicillata, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

I. M., Kulu (Young), Darbhanga (Maries).
Collection Swinhoe, Solun, Nilgiri Hills.
Allied to *L. bistrigata*.

1685. Leucania percisa.

Leucania percisa, Moore, MS.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Solun.

1686. Leucania polemusa.

Leucania polemusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447, pl. 27, fig. 1.

I. M., Khandalla (Swinhoe).
Collection Swinhoe, Poona, Bombay, Khandalla.
Allied to *L. decisissima*.

1687. Leucania prisca.

Leucania prisca, Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).
———— Moore, Lep. Ceyl. iii, p. 10, (1884).

Ceylon.

1688. Leucania prominens.

Leucania prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Darjiling, Cherrapunji.

1689. Leucania pulcherrima.

Leucania pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 48, pl. 6, fig. 7.
——————— Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).

Collection Swinhoe, Sikkim.

1690. Leucania rufescens.

Leucania rufescens, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

1691. Leucania rufistrigosa.

Leucania rufistrigosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 337.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Umballa.
Allied to *L. dharma*.

1692. Leucania sejuncta.

Leucania sejuncta, Walker, Cat. Lep. Het. B. M., ix, p. 109, (1856).

India.

1693. Leucania sinuosa.

Leucania sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

1694. Leucania subsignata.

Leucania subsignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 336.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

I. M., Kulu, (Young).
Collection Swinhoe, Bombay, Solun.

1695. Leucania tangala.

Leucania tangala, Felder & R. Reise, Novara, pl. 109, fig. 12, (1864-75).
——————— Moore, Lep. Ceyl. iii, p. 11, (1884).

I. M., Ceylon (Colombo Museum).

1696. Leucania thoracica.

Leucania thoracica, Walker, Cat. Lep. Het. B. M., ix, p. 106, (1856), and xxxii, p. 623, (1865).

Deccan.

1697. Leucania uniformis.

Leucania uniformis, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

N.-W. Himalayas.

1698. LEUCANIA VENALBA.

Leucania venalba, Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Bengal.

Genus **Arcilasisa.**

1699. ARCILASISA SOBRIA.

Arcilasisa sobria, Walker, Cat. Lep. Het. xxxii, p. 470, (1865).

I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Sikkim.
Also recorded from South India.

Genus **Borolia.**

1700. BOROLIA FASCIATA.

Borolia fasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37, fig. 12.
——————— Descr. Ind. Lep. Atk. ii, p. 98, (1882).

Sikkim.

1701. BOROLIA FURCIFERA.

Borolia furcifera, Moore, Descr. Ind. Lep. Atk. ii, p. 98, pl. 4, fig. 16, (1882).

Darjiling.

Genus **Aletia.**

1702. ALETIA ALBICOSTA.

Aletia albicosta, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882).

Darjiling, Gurhwal, Dharmsala.
Allied to *A. lithargyria* of Europe.

1703. ALETIA ANGULIFERA.

Aletia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 333.
——————— Descr. Ind. Lep. Atk. ii, p. 96, (1882).

N.-W. Himalayas, Cashmir, Sind.
Allied to *A. conigera* of Europe.

1704. ALETIA CERVINA.

Mythimna cervina, Moore, Proc. Zool. Soc. Lond. 1867, p. 47, pl. 6, fig. 18.

Bengal.

1705. ALETIA DISTINCTA.

Aletia distincta, Moore, Proc. Zool. Soc. Lond. 1881, p. 333, pl. 37, fig. 4.
——————— Descr. Ind. Lep. Atk. ii, p. 97, (1882).

Darjiling.
Allied to *A. vitellina* of Europe.

1706. ALETIA OBSCURA.

Aletia obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882).
Darjiling.
Allied to *A. lithargyria* of Europe.

1707. ALETIA REVERSA.

Aletia reversa, Moore, Lep. Ceyl. iii, p. 6, pl. 144, fig. 5, (1884).
Ceylon.

1708. ALETIA RUDIS.

Aletia rudis, Moore, MS.
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Collection Swinhoe, Solun.

Genus **Arsilonche.**

1709. ARSILONCHE CONFUSA.

Leucania confusa, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
Arsilonche confusa, Moore, Lep. Ceyl. iii, p. 9, pl. 145, fig. 4, (1884).
Ceylon.

1710. ARSILONCHE CONSPERSA.

Simyra conspersa, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.
——— Ind. Lep. Atk. ii, p. 103, (1882).
Manpuri, Calcutta.
Allied to *A. confusa*.

Genus **Axylia.**

1711. AXYLIA ALBIVENA.

Axylia albivena, Moore, Proc. Zool. Soc. Lond. 1881, p. 342.
Collection Swinhoe, Solun.

1712. AXYLIA FASCIATA.

Axylia fasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.
——— Lep. Ceyl. iii, p. 7, pl. 144, fig. 6, (1884).
Punjab, Ceylon.

1713. AXYLIA FURTIVA.

Axylia furtiva, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448 ; and 1886, p. 442.
Collection Swinhoe, Poona, Mhow.

1714. AXYLIA IRRORATA.

Axylia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.
N.-W. Himalayas.

1715. Axylia renalis.

Axylia renalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.
——————— Descr., Ind. Lep. Atk. ii, p. 103, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

Collection Swinhoe, Solun, Poona, Khandalla.
Also recorded frnm Sind and Cashmir.
Allied to *A. putris* of Europe.

Genus **Tympanistes.**

1716. Tympanistes pallida.

Tympanistes pallida, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 1.

I. M., a specimen with no history.
Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.

1717. Tympanistes testacea.

Tympanistes testacea, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 2.

Darjiling.

Genus **Senta.**

1718. Senta cramboides.

Senta cramboides, Moore, Lep. Ceyl. iii, p. 12, pl. 145, fig. 6, (1884).

Ceylon.

Genus **Discordia.**

1719. Discordia evulsa.

Discordia evulsa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, pl. 27, fig. 2.

Poona.
Type is in British Museum.

Genus **Crambopsis.**

1720. Crambopsis excludens.

Crambopsis excludens, Walker, Cat. Lep. Het. B. M. xxxii, p. 634, (1865).
——————— Moore, Lep. Ceyl. iii, p. 12, (1884).

Ceylon.

Genus **Nonagria.**

1721. Nonagria (?) irregularis.

Nonagria irregularis, Walker, Cat. Lep. Het. B. M., xi, p. 712, (1857).

India.

Family HELIOTHIDÆ.

Genus **Dorika**.

1722. Dorika aureola.

Leucania aureola, Walker, Cat. Lep. Het. B. M., ix, p. 108, (1856).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.
Dorika aureola, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

I. M., Mhow (Swinhoe).
Collection Swinhoe, Mhow, Bombay.
Also recorded from Canara.

1723. Dorika sanguinolenta.

Dorika sanguinolenta, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

Bombay.

Genus **Raghuva**.

1724. Raghuva confertissima.

Leucania confertissima, Walker, Cat. Lep. Het. B. M., xxxii, p. 625, (1865).
Raghuva confertissima, Moore, Proc. Zool. Soc. Lond. 1881, p. 362.

S. India.

Genus **Pradatta**.

1725. Pradatta artaxoïdes.

Pradatta artaxoïdes, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.

N.-W. Himalayas, Cashmir.
Collection Swinhoe, Kulu.

1726. Pradatta beatrix.

Pradatta beatrix, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
——————— Descr. Ind. Lep. Atk. ii, p. 138, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 41, fig. 5.

Collection Swinhoe, Mhow.
Also recorded from Canara, Dharmsala, Cashmir.

1727. Pradatta bivittata.

Leucania bivittata, Walker, Cat. Lep. Het. B. M., ix, 3, p. 108, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Pradatta bivittata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.
Pradatta bivitta (sic), Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.

Collection Swinhoe, Mhow, Bombay, Khandalla.
Also recorded from South India.

1728. PRADATTA DECORATA.

Pradatta decorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
——————— Descr. Ind. Lep. Atk. ii, p. 139, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Poona.
Also recorded from Allahabad, Manpuri, Sind, Cashmir.

1729. PRADATTA MODESTA.

Pradatta modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.
Manpuri.

Genus **Heliothis.**

1730. HELIOTHIS ARMIGERA.

Noctua armigera, Hübn., Noct. ii, p. 180, pl. 79, fig. 370, (1804)*.
——————— Dup., Lep. de France, vii, p. 310, pl. 119, figs. 5, 6*.
Heliothis armigera, Treit., Schmett von Eur. viii, pl. 230, 6*.
——————— Guén., Noct. ii, p. 181, 933*.
——————— Walker, Cat. Lep. Het., xi, p. 683, (1857)*.
——————— Dietrich, Mittheil, Schw. Ent. Ges. 1864, p. 258.
——————— Moore, Proc. Zool. Soc. Lond.1867, p. 60.
——————— Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).
——————— Proc. Zool. Soc. Lond., 1883, p. 161.
——————— Moore, Lep. Ceyl. iii, p. 51, pl. 150, figs. 1, 1*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p. 448; and 1886, p. 442.
——————— Trans. Ent. Soc. Lond. 1885, p. 347.
Heliothisa armigera, Meig ,Syst. Besch. iii, 234, 22, pl. 120, fig. 15[♂].
Heliothis armiger (sic), Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 410.

I. M., Sibsagar (Peal), Karachi (Swinhoe and Murray), Hujipore, (where it attacks poppy boll), Quetta (Swinhoe), Kulu (Young), Sikkim, Chitral (Giles).
Collection Swinhoe, Candahar, Quetta, Karachi, Mhow, Deesa, Bombay, Solun.
Also recorded from Europe, Africa, America (where it attacks cotton boll), Jamaica, New Zealand, Ceylon.

1731. HELIOTHIS DIPSACEA.

Phalæna (*Noctua*) *dipsacea*, Linn., Syst. Nat. (1), 2, p. 856, No. 185, (1767).
Noctua dipsacea, Wien, Verz. 89, 3*.
——————— Fabr., Sp. Ins. ii, p. 217, No. 45 (1781).
——————— Mant. Ins. ii, p. 143, No. 65, (1787).
——————— Ent. Syst. iii, 2, p. 33, No. 83, (1794).
——————— Esper., Schmett, iv, pl. 172, figs. 1—3, pl. 185, figs. 1—6*.
——————— Bork., Eur. Schmett, iv, 89, 35*.
——————— Hübn., Eur. Schmett, Noct., pl. 62, fig. 311*.
——————— Dup., Hist. Nat. Lep. France, vii, 304, pl. 119, fig. 2.*
——————— Schr., Faun. Bois. 1587*.
——————— Scriba., Beitr., pl. 12, figs. 2—5*.
——————— Donov., Brit. Ins. x, pl. 327*.
Melicleptria dipsacea, Hübn., Verz bek. Schmett, p. 262, No. 2578, (1861).
Heliothisa dipsacea, Meig., Handb. 183, 94*.
——————— Syst. Besch. iii, 231, 16, pl. 120, fig. 12*.

HELIOTHIS DIPSACEA—*continued.*

Heliothis dipsacea, Treit., Schmett v, 220, 3*.
——————— Steph., Ill. Brit. Ent. Haust. iii, 109*.
——————— Boisd., Ind. Meth., p. 163, No. 1305, (1840).
——————— Guén., Noct. ii, 181, 934*.
——————— Erschoff., Lep. Turkestan, p. 48, (1874).
——————— Walker, Cat. Lep. Het. B. M. xi, p. 685, (1857).
——————— Moore, 2nd Yarkand Miss. Lep., p. 11, (1879).

I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1732. HELIOTHIS HYBLÆOIDES.

Heliothis hyblæoides, Moore, Ann. Mag. N. H. (5), i, p. 234, (1878).
——————— 2nd Yarkand Mission Lep., p. 12, pl. 1, fig. 20, (1879).

I. M., Moore's type, Yarkand (2nd Mission).
Closely allied to *H. dipsacea*.

733. HELIOTHIS JUNCEA.

Heliothis juncea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, pl. 27, fig. 4.

Collection Swinhoe, Bombay.

1734. HELIOTHIS PELTIGERA.

Noctua peltigera, Wien, Verz 89, 2*.
——————— Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 5*.
Noctua barbara, Fabr., Ent. Syst. iii, 2, p. 111, No. 334, (1794).
——————— Coqueb., Ill. Icon., p. 70, pl. 17, fig. 3, (1801).
Noctua florentina, Esp., Schmett iv, pl. 135, fig. 2*.
Noctua scutigera, Bork., Eur. Schmett, iv, 93, 37*.
Noctua straminea, Donov., Brit. Ins. ii, pl. 61*.
Heliothis peltigera, Steph., Ill. Brit. Ent. Haust. iii, 109*.
Phalæna alphea, Cram., Pap. Exot. iii, pl. 250, fig. F., (1779).
Melicleptria peltigera, Hübn., Verz Bek. Schmett, p. 262, No. 2576, (1816).
Melicleptria alphea, Hübn., *loc. cit.*, p. 262, No. 2577, (1816).
Heliothisa peltigera, Meig., Syst. Besch, iii, 234, pl. 120, fig. 14*.
var. *Phalæna charmione*, Stoll., Cram. Pap. Exot. p. 162, pl. 36, fig. 10, (1790).
Heliothis peltigera, Guén., Noct. ii, p. 180*.
——————— Walker, Cat. Lep. Het. B. M., xi, p. 682, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p. 448; and 1886, p. 442.
——————— Trans. Ent. Soc. Lond. 1885, p. 348.

I. M., Karachi (Swinhoe), Quetta (Swinhoe).
Collection Swinhoe, Quetta, Karachi, Mhow, Poona, Campbellpore.
Also recorded from Europe, Africa, New Zealand, Beluchistan, and Northern Bengal.

1735. HELIOTHIS PERIGEOIDES.

Heliothis perigeoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 361.

Kutch.
Allied to *H. peltigera*.

1736. HELIOTHIS RUBRESCENS.

Thalpophila rubrescens, Walker, Cat. Lep. Het. B. M., xv, p. 1691, (1858).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Heliothis rubrescens, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.
Heliothis rubescens (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, and 1886, p. 442.

Collection Swinhoe, Quetta, Karachi, Bombay, Campbellpore.
Also recorded from New Zealand and Australia.
Allied to *H. armigera*, and *H. conferta* of New Zealand.

1737. HELIOTHIS SCUTOSA.

Noctua scutosa, Schiff., Wien. Verz 89, 1*.
———— Fabr., Mant. Ins. ii, p. 142, No. 63, (1787).
———— Ent., Syst. iii, 2, p. 33, No. 81, (1794).
———— Esper., Schmett iv, pl. 108, figs. 1, 2*.
———— Bork., Eur. Schmett Noct., pl. 63, fig. 309*.
———— Dup., Hist. Nat. Lep. Fr. vii, 301, pl. 119, fig. 1*.
———— Frey., Beitr. ii, pl. 191*.
Melicleptria scutosa, Hübn., Verz. Bek. Schmett, p. 262, No. 2575, (1816).
Heliothisa scutosa, Meig., Syst. Besch. v, 231, 17, pl. 120, fig. 11*.
Heliothis scutosa, Treit., Schmett. v, 224, 4*.
———— Curtis, Brit. Ent., pl. 595*.
———— Boisd., Ind. Meth. p. 163, No. 1306, (1840).
———— Guén., Noct. ii, 182, 936*.
———— Walker, Cat. Lep Het. B. M. xi, p. 686, (1857).
———— Moore, 2nd Yarkand Miss. Lep., p. 11, (1879).

I. M., Kulu (Young), Prussia (Kricheldorff).
Also recorded from Cashmir.

1738. HELIOTHIS SUCCINEA.

Heliothis succinea, Moore, Proc. Zool. Soc. Lond. 1881, p. 362.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

I. M., Kulu (Young).
Collection Swinhoe, Mhow.
Also recorded from Bombay.
Allied to *H. armigera*.

1739. HELIOTHIS TEMPERATA.

Heliothis temperata, Walker, Cat. Lep. Het. B. M. xi, p. 689, (1857).

India.

Genus **Pimprana.**

1740. PIMPRANA ATKINSONI.

Pimprana atkinsoni, Moore, Descr. Ind. Lep. Atk., i, p. 42, pl. ii, fig. 11, (1879).

Collection Swinhoe, Darjiling.

Genus **Curubasa.**

1741. CURUBASA CALAMARIA.

Curubasa calamaria, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.
———— Swinhoe, Proc. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Bombay.

1742. Curubasa cruentata.

Curubasa cruentata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.

N.-W. India, Cashmir.

1743. Curubasa lanceolata.

Alaria lanceolata, Walker, Cat, Lep. Het. B. M. xii, p. 767, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.
Curubasa lanceolata, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.

Collection Swinhoe, Solun, Mhow.
Also recorded from the Nilgiri Hills.

1744. Curubasa marginata.

Curubasa marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.

N.-W. Himalayas.

Genus **Adisura**.

1745. Adisura atkinsoni.

Adisura atkinsoni, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 6.
———— Descr. Ind. Lep. Atk. ii, p. 137, (1882).

Darjiling.

1746. Adisura dulcis.

Adisura dulcis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 20.
———— Descr. Ind. Lep. Atk. ii, p. 137, (1882).

Darjiling.

1747. Adisura leucanioides.

Adisura leucanioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 368.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
———— Swinhoe, Proc. Zool. Lond. 1884, p. 518 ; 1885, p. 449 ; and 1886, p. 443.

Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Khandalla.

1748. Adisura marginalis.

Anthophila marginalis, Walker, Cat. Lep. Het. B. M., xii, p. 830, (1857).
Adisura marginalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368.
———— Descr. Ind. Lep. Atk. ii, p. 137, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Bombay, Poona, Alibagh.
Also recorded from Calcutta.

1749. Adisura pallida.

Adisura pallida, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
———— Lep. Ceyl. iii, p. 52, pl. 150, fig. 8, (1884).

Ceylon.
Allied to *A. leucanioides*.

1750. ADISURA SIMILIS.

Adisura similis, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
——————— Descr. Ind. Lep. Atk. ii, p. 138, (1882).

Calcutta.
Allied to *A. marginalis*.

1751. ADISURA UNCTA.

Adisura uncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449, pl. 27, fig. 12.

Collection Swinhoe, Bombay.
Allied to *A. leucanioides*.

Genus **Anthœcia**.

1752. ANTHŒCIA SWINHOEI.

Anthœcia swinhoei, Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449; and 1886, p. 443.

Collection Swinhoe, Assirgarh, Poona.

Genus **Pyrrhia**.

1753. PYRRHIA MARGINATA.

Noctua marginata, Kléem., Beit. ii, pl. 7, figs. 6, 8*.
——————— Fabr., Ent. Syst. iii, 2, p. 88, No. 260, (1794).
——————— Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 8*.
Noctua rutilago, Wien., Verz. 88, 4*.
——————— Fuessl., Mag. 219*.
——————— Schr., Faun. Boic. 1579*.
——————— Hübn., Eur. Schmett Noct. i, 185*.
Noctua umbrago, Esp., Schmett iv, pl. 185, figs. 6, 7*.
Noctua conspicua, Bork., Eur. Schmett iv, 50*.
Noctua marginago, Haw., Lep. Brit. 217.*
Pyrrhia rutilago, Hübn., Verz. Bek. Schmett, p. 233, No. 2337, (1816).
Heliothisa marginata, Meig., Syst. Besch. iii, 233, 20, pl. 120, fig. 17.*
——————— Frey., Stett. Ent. Zeit. ii, 109, (1841).
Heliothis marginata, Triet., Schmett. v. 232, 7.*
——————— Steph., Ill. Brit. Ent. iii, 108.*
——————— Boisd., Ind. Meth., p. 163, No. 1309, (1840).
——————— Guén., Noct. ii, 178, 927*.
——————— Walker, Cat. Lep. Het. B. M. xi, p. 681, (1857).

I. M., Kulu (Young).
Collection Swinhoe, Solun.
Also recorded from Europe.

Genus **Masalia**.

1754. MASALIA IRRORATA.

Masalia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364.

Collection Swinhoe, Mandi.
Also recorded from Darjiling.

1755. Masalia radiata.

Masalia radiata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364.

Manpuri.

Genus **Sophaga.**

1756. Sophaga sinuata.

Sophaga sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

Bombay.

Genus **Heliocheilus.**

1757. Heliocheilus translucens.

Heliocheilus translucens, Felder, Reise Novara Lep., pl. 108, fig. 49, (1864-75).

Himalayas.

Family BOMBYCOIDÆ.

Genus **Diphtera.**

1758. Diphtera atrovirens.

Diphtera atrovirens, Walker, Cat. Lep. Het. B. M. xxxii, p. 614 (1865); and p. 1952, (1866).

——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 45.

I. M., Sikkim.
Collection Swinhoe, N. India.

1759. Diphtera deceptura.

Diphtera deceptura, Walker, Cat. Lep. Het. B. M. xxxii, p. 614, (1865).

——————— Moore, Lep. Ceyl. iii, p. 4, (1884).

Ceylon.

1760. Diphtera discibrunnea.

Diphtera discibrunnea, Walker, Cat. Lep. Het. B. M. xxxv, p. 1952, (1866).

——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 46, pl. 6, fig. 14.

Collection Swinhoe, Sikkim.

1761. Diphtera nigroviridis.

Diphtera nigroviridis, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865); and xxxv, p. 1952, (1866).

——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 46.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1762. DIPHTERA PALLIDA.

Diphtera pallida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1953, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46, pl. 6, fig. 6.

Darjiling.

1763. DIPHTERA PRASINARIA.

Diphtera prasinaria, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865); xxxv, p. 1952, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1764. DIPTHERA VIGENS.

Diphtera vigens, Walker, Cat. Lep. Het. B. M. xxxii, p. 616, (1865); and xxxv, 1952, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Sikkim.

Genus **Plataplecta.**

1765. PLATAPLECTA PRUINOSA.

Acronycta pruinosa, Guén., Noct. i, p. 53, 72*.
———— Walker, Cat. Lep. Het. B. M., ix, p. 64, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.
Polia soluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 723, (1865).
Plataplecta soluta, Butler, Ann. Mag. N. H. (1), v, p. 195, (1878).
Plataplecta pruinosa, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 3, (1884).

Sylhet, Java, Ceylon.

1766. PLATAPLECTA STEVENSII.

Polia stevensii, Guén., Noct. ii, 38, 721*.
———— Walker, Cat. Lep. Het. B. M., xi, p. 521, (1857).

Central India.

Genus **Acronycta.**

1767. ACRONYCTA BICOLOR.

Acronycta bicolor, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.

Collection Swinhoe, Solun.

1768. ACRONYCTA FLAVALA.

Acronycta flavala, Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

Bengal.

1769. ACRONYCTA INDICA.

Acronycta indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

Bengal.

1770. Acronycta kargalika.

Acronycta kargalika, Moore, Ann. & Mag. N. H. (5) i, p. 232, (1878).
I. M., Moore's type from Yarkand (2nd Mission).

Genus **Triæna.**

1771. Triæna maxima.

Triæna maxima, Moore, Proc. Zool. Soc. Lond. 1881, p. 333.
Collection Swinhoe, Campbellpore.
Allied to *T. tridens* of Europe.

Genus **Karana.**

1772. Karana decorata.

Karana decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.
Collection Swinhoe, Dharmsala, Satara, Poona, Nilgiri Hills.
Also recorded from Sikkim.

Genus **Hyboma.**

1773. Hyboma fasciata.

Hyboma fasciata, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 4, (1884).
Ceylon.

Family BRYOPHILIDÆ.

Genus **Bryophila.**

1774. Bryophila albistigma.

Bryophila albistigma, Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
Bengal.

1775. Bryophila literata.

Bryophila literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331.
Collection Swinhoe, Kulu.
Also recorded from Cashmir.
Allied to *B. glandifera* of Europe.

1776. Bryophila mediana.

Bryophila mediana, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
Solun.

1777. Bryophila modesta.

Bryophila modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
N.-W. Himalayas.
Allied to *B. algæ* of Europe.

1778. Bryophila nilgiria.

Bryophila nilgiria, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.

Ootacamund.

Genus **Casama.**

1779. Casama indeterminata.

Casama indeterminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 611, (1865).

S. India.

Family GLOTTULIDÆ.

Genus **Glottula.**

1780. Glottula dominica.

Phalæna (*Noctua*) *dominica*, Cramer, Pap. Exot. iv, pl. 399, fig. H, (1782).
Hadena pancratii, Boisd., Faun. Ent. Mad. Romb. et Maur. Lep. 91, 1.*
Glottula dominica, Guén., Noct. i, p. 116, 183*.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 409.
——————— Moore, Lep. Ceyl. iii, p. 14, pl. 145, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.
Glottula pancratii, Millière, Icon Descr. Chen. Lep. 1865, p. 30, pl. 54, figs. 6—9.*

Collection Swinhoe, Ceylon, Mhow, Khandalla.
Also recorded from S. Africa, Isle of France, Tranquebar.

Genus **Apsarasa.**

1781. Apsarasa figurata.

Apsarasa figurata, Moore, Proc. Zool. Soc. Lond. 1877, p. 604.

Andaman Islands.

. Apsarasa radians.

Noctua (*Apatela*) *radians*, Westw., Cab. Or. Ent., p. 58, pl. 28, fig. 4, (1848).
Glottula radians, Walker, Cat. Lep. Het. B. M. xv, p. 1668, (1858).
Apsarasa radians, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikhim, Assam.

Genus **Chasmina.**

1782. Chasmina cygnus.

Chasmina cygnus, Walker, Cat. Lep. Het. B.M., ix, p. 147, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.
Leocyma cygnus, Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 3, (1886).

I. M., Kulu (Young), Solun (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

1783. Chasmina dianæ.

Leocyma dianæ, Guén., Noct. ii, p. 213, (1852)*.
———— Moore, Lep. Ceyl. iii, p. 43, pl. 149, fig. 5, (1884).
Leocyma dianæ, Walker, Cat. Lep. Het. B. M. xii, p. 780, (1857).
Chasmina glabra, Walker, Cat. Lep. Het. B. M. xxxii, p. 636, (1865).
Ceylon, Australia.

Genus **Ramadasa.**

1784. Ramadasa pavo.

Chasmina pavo, Walker, Cat. Lep. Het. B. M., ix, p. 147, (1856).
Ramadasa pavo, Moore, Proc. Zool. Soc. Lond., 1877, p. 603, pl. 59, fig. 8.
———— Lep. Ceyl. iii, p. 45, pl. 149, fig. 1, (1884).
I. M., Sikkim (purchased).
Also recorded from Ceylon and the Andaman Islands.

Genus **Polytela.**

1785. Polytela florigera.

Polytela florigera, Guén., Noct. i, 114, 180.*
———— Walker, Cat. Lep. Het. B. M., ix, p. 139, (1856).
India.

1786. Polytela gloriosæ.

Bombyx gloriosæ, Fabr., Sp. Ins. ii, p. 205, No. 150, (1781).
———— Mant., Ins. ii, p. 133, No. 211, (1787).
———— Ent. Syst. iii, 1, p. 484, No. 242, (1793).
Phalæna gloriosæ, Linn., Syst. Nat., No. 2440.
Polytela gloriosæ, Guén., Noct. i, p. 113, 179, pl. 4, fig. 2, (1852).*
———— Walker, Cat. Lep. Het. B. M., ix, p. 138, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
———— Lep. Ceyl. iii, p. 13, pl. 145, fig. 1, ♀ 1*a* larva, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.
I. M., Goalpara, Calcutta, Bombay (Swinhoe).
Collection Swinhoe, Sikkim, Poona, Bombay.
Also recorded from Canara, Madras, and Ceylon.

Genus **Calymera.**

1787. Calymera picta.

Calymera picta, Moore, Descr. Ind. Lep. Atk. ii, p. 104, pl. 4, fig. 7, (1882).
Darjiling.

Genus **Baorisa.**

1788. Baorisa hieroglyphica.

Baorisa hieroglyphica, Moore, Descr. Ind. Lep. Atk. ii, p. 133, pl. 4, fig. 14, (1882).
Darjiling.

Genus **Ariola.**

1789. ARIOLA CŒLISIGNA.

Ariola cœlisigna, Walker, Cat. Lep. Het. B. M. xii, p. 769, (1857).
——————— Moore, Lep. Ceyl. iii, p. 41, (1884).
Ariola ransonneti, Felder & R. Reise, Novara Lep. p. 108, fig. 1, (1864—75).

Collection Swinhoe, Ceylon.
Also recorded from Sarawak, Borneo.

1790. ARIOLA SATURATA.

Ariola saturata, Walker, Cat. Lep. Het. B. M. xii, p. 774, (1857).
Ceylon.

Genus **Dandaca.**

1791. DANDACA COLUMBA.

Dandaca columba, Walker, Cat. Lep. Het. B. M., ix, p. 149, (1856).
N. India.

FAMILY COSMIDÆ.

Genus **Ipimorpha.**

1792. IPIMORPHA DIVISA.

Ipimorpha divisa, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882).
Darjiling, Simla.
Allied to *I. subtusa* of Europe.

Genus **Cosmia.**

1793. COSMIA HYPENOIDES.

Cosmia hypenoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 19.
——————— Descr. Ind. Lep. Atk. ii, p. 122, (1882).
Parisnath (Bengal).

1794. COSMIA RESTITUTA.

Cosmia restituta, Walker, Cat. Lep. Het. B. M., x, p. 490, (1856).
Nepal.

FAMILY ERASTRIIDÆ.

Genus **Erastria.**

1795. ERASTRIA ALBIORBIS.

Erastria albiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

1796. Erastria cidarioides.

Erastria cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Darjiling.

1797. Erastria fusca.

Erastria fusca, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Collection Swinhoe, Sikkim.

1798. Erastria futilis.

Erastria futilis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 8.
Collection Swinhoe, Karachi.
Allied to *E. scitula* of Europe.

1799. Erastria imbuta.

Erastria imbuta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 794, (1865).
India.

1800. Erastria marginata.

Erastria marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 21.
——————— Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

1801. Erastria nubila.

Erastria nubila, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Allied to *E. fusca*.
Darjiling.

1802. Erastria pallidisca.

Erastria pallidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 14.
——————— Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

Family ACONTIIDÆ.

Genus Xanthodes.

1803. Xanthodes arcuata.

Xanthodes arcuata, Walker, Cat. Lep. Het. B. M. xii, p. 779, (1857).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.
Collection Swinhoe, Karachi.
Also recorded from Africa.

1804. XANTHODES DUPLICATA.

Xanthodes duplicata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 778, (1865).

Siam.

1805. XANTHODES FLAVA.

Noctua flava, Fabr., Ent. Syst. iii, 2, p. 51, No. 139, (1794).
Xanthodes transversa, Guén., Noct. ii, p. 211, pl. 10, fig. 5, (1852).*
——————Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877, p. 605.
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Acontia flava, Moore, Lep. Ceyl. iii, p. 42, pl. 149, figs. 2, 2*a*, larva, (1884).

I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram), Cachar (Wood-Mason).
Collection Swinhoe, Sikkim, Bombay, Poona, Ceylon.
Also recorded from the Andaman Islands.

1806. XANTHODES GRAELLSII.

Acontia graellsii, Feisthamel, Ann. Soc. Ent. Fr. (6), p. 300, pl. 12, fig. 3, (1837).
Xanthodes graellsii, Guén., Noct. ii, 211, 977.*
——————Walker, Cat. Lep. Het. B. M., xii, p. 777, (1857).
——————Millière, Icon. Descr. Chen. Lep. 1865, p. 73, pl. 59, figs. 6, 7.*

Spain, Mauritius, India.

1807. XANTHODES IMPARATA.

Xanthia imparata, Walker, Cat. Lep. Het. B. M., x, p. 467, (1856).
Xanthodes imparata, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Bombay, Karachi, Poona.

1808. XANTHODES IMPELLENS.

Xanthodes impellens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

India.

1809. XANTHODES INEFFICIENS.

Xanthodes inefficiens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).

India.

1810. XANTHODES INNOCENS.

Xanthodes innocens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——————Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517; and 1885, p. 454.
——————Butler, Proc. Zool. Soc. Lond. 1886, p. 330.

Collection Swinhoe, Ootacamund, Karachi, Bombay.
Also recorded from Campbellpore.

1811. Xanthodes intersepta.

Xanthodes intersepta, Guén., Noct. ii, p. 212, 979, (1852).*
———— Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
———— Lep. Ceyl. iii, p. 42, pl. 149, fig. 3, (1884).

I. M., Andaman Islands (purchased), Sibsagar, Sikkim.
Collection Swinhoe, Sikkim.
Also recorded from Ceylon, Sylhet, also Malta.

1812. Xanthodes stramen.

Xanthodes stramen, Guén., Noct. ii, 210, 976.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona, Karachi, Nilghiris.
Also recorded from Thibet.

Genus **Naranga.**

1813. Naranga ferruginea.

Naranga ferruginea, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882).
Calcutta.

1814. Naranga diffusa.

Xanthodes diffusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 779, (1865).
Naranga diffusa, Moore, Proc. Zool. Soc. Lond. 1881, p. 359.
———— Lep. Ceyl. iii, p. 49, pl. 150, fig. 17, (1884).

Formosa, Ceylon, Nilgiri Hills.

1815. Naranga quadrivittata.

Naranga quadrivittata, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882).
Calcutta.

Genus **Xanthia.**

1816. Xanthia rufoflava.

Xanthia rufoflava, Walker, Cat. Lep. Het. B. M, x, p. 467, (1856).
N. India.

Genus **Pitacota.**

1817. Pitacota terminigera.

Felinia terminigera, Walker, Cat. Lep. Het. B. M, xv, p. 1850, (1858).
———— Moore, Proc. Zool Soc. Lond. 1867, p. 77.
Pitacota terminigera, Moore, Lep. Ceyl. iii, p. 46, pl. 149, fig. 7, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.
Also recorded from Canara, Sylhet, and Ceylon.

Genus **Hiccoda.**

1818. HICCODA DOSAROIDES.

Hiccoda dosaroides, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).
——————— Lep. Ceyl. iii, p. 49, pl. 150, fig. 16, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Solun, Poona.
Also recorded from Calcutta, Bombay, Ceylon.

1819. HICCODA HERBARIA.

Hiccoda herbaria, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446.

Collection Swinhoe, Mhow.

Genus **Canna.**

1820. CANNA PULCHRIPICTA.

Canna pulchripicta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 790, (1865), and xxxv, p. 1965, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61, pl. 6, fig. 10.

I. M., Sikkim (purchased).
Collection Swinhoe, Dharmsala, Sikkim.

Genus **Calophasia.**

1821. CALOPHASIA CASHMIRENSIS.

Calophasia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.
——————— Descr. Ind. Lep. Atk. ii, p. 132, (1882).

Cashmir.
Allied to *C. lineariæ* of Europe.

1822. CALOPHASIA LOBIFERA.

Calophasia lobifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.

Bombay.

1823. CALOPHASIA NOTABILIS.

Calophasia notabilis, Walker, Cat. Lep. Het. B. M., xi, p. 669, (1857).

Collection Swinhoe, Umballa.

1824. CALOPHASIA UPSILON.

Calophasia upsilon, Walker, Cat. Lep. Het. B. M. xxxiii, p. 763, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.
Also recorded from Deccan.

Genus **Euphasia.**

1825. EUPHASIA CATENA.

Noctua catena, Sowerby, Brit. Misc. 29, pl. 14.*
Acontia catena, Steph., Ill. Brit. Ent. Haust. iii, 116.*
———— Guén., Noct. ii, 214, 983.*
Desmophora elegans, Steph., Cat. Brit. Ins. 6398.*
Euphasia catena, Walker, Cat. Lep. Het. B. M., xii, p. 781, (1857).
Collection Swinhoe, Sind.

1826. EUPHASIA CATENULA.

Euphasia catenula, Walker, Cat. Lep. Het. B. M. xxxiii, p. 780, (1865).
Collection Swinhoe, Campbellpore, Karachi.
Also recorded from South India.

Genus **Acontia.**

1827. ACONTIA ACERBA.

Acontia acerba, Felder & R. Reise, Novara Lep., pl. 108, fig. 25, (1864-75).
Bengal.

1828. ACONTIA BADIA.

Acontia badia, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Collection Swinhoe, Mhow, Bombay.

1829. ACONTIA BASIFERA.

Acontia basifera, Walker, Cat. Lep. Het. B. M., xii, p. 793, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
I. M., Poona, Karachi.
Collection Swinhoe, Poona, Karachi, Hubb River.

1830. ACONTIA COSTALIS.

Acontia costalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 784, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Collection Swinhoe, Poona, Karachi, Campbellpore.
Also recorded from South India.

1831. ACONTIA COSTISTIGMA.

Acontia costistigma, Walker, Cat. Lep. Het. B. M., xii, p. 792, (1857).
N. India.

1832. ACONTIA CROCATA.

Acontia crocata, Guén, Noct. ii, 218, 989.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond 1885, p. 455; and 1886, p. 445.
I.M., Bombay, (Swinhoe).
Collection Swinhoe, Mhow, Karachi, Poona, Bombay.

1833. ACONTIA DICYCLA.

Acontia dicycla, Walker, Cat. Lep. Het. B. M. xxxv, p. 1964, (1866).

N. India.

1834. ACONTIA EXCISA.

Acontia excisa, Walker, MS. British Museum Collection.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.

Collection Swinhoe, Poona, Khandalla, Mhow.

1835. ACONTIA FIRINA.

Acontia firina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 5.

Collection Swinhoe, Poona, Bombay.

1836. ACONTIA HORTENSIS.

Acontia hortensis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47 fig. 7.

Collection Swinhoe, Karachi.
Allied to *A. solaris* of Europe.

1837. ACONTIA IMITATA.

Acontia imitata, Moore, Lep. Ceyl. iii, p. 42, pl. 149, fig. 4, (1884).

Ceylon.

1838. ACONTIA JUDICATA.

Acontia judicata, Walker, Cat. Lep. Het. B. M., xv, p. 1760, (1858).
———— Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 2, (1886).

N. India.

1839. ACONTIA LUCTUOSA.

Noctua luctuosa, Schiff., Wien. Verz. 90, 7, pl. 114, fig. 5, (1776).*
———— Esper., Schmett iv, pl. 88, fig. 4.*
———— Bork., Eur. Schmett, iv, 77, 29.*
———— Hübn., Eur. Schmett, Noct., pl. 62, figs. 305, 306.*
———— Dup., Hist. Nat. Lep. Fr. vii, 350, pl. 121, figs. 3, 4.*
Noctua italica, Fabr., Sp. Ins. ii, p. 218, No. 49, (1781).
————, Mant. Ins. ii, p. 144, No. 72, (1787).
———— Ent. Syst. iii, p. 37, No. 59, (1794).
Phalæna (Noctua) italica, Linn., Syst. Nat. 2551.
Ædia luctuosa, Hübn., Verz. Bek. Schmet. p. 261, No. 2562, (816).
Acontia luctuosa, Treit., Schmett. v, 247, 7.*
———— Steph., Ill. Brit. Ent. Haust. iii, 113.*
———— Frey., Neue Beitr, p. 346.*
———— Stett Ent Zet. ii, 110, (1841).
———— Boisd., Ind. Meth. p. 165, No. 1323, (1840).
———— Guén., Noct. ii, 223, 1001.*
———— Walker, Cat. Lep. Het. B. M. xii, p. 783, (1857).
———— Moore, 2nd Yarkand Mission Lep., p. 12, (1879).
Phytometra luctuosa, Haw., Lep. Brit. 29.*
Ophiusa luctuosa, Meig., Handb. 183, 95, pl. 13, fig. 6.*
———— Syst.Besch. iii, 210, pl. 114, fig. 5.*

Europe, Yarkand.

1840. ACONTIA MACULOSA.

Acontia maculosa, Walker, Cat. Het. B. M., xii, p. 795, (1857).

China, N. India.

1841. ACONTIA MERIDIONALIS.

Acontia meridionalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 785, (1865).

S. India.

1842. ACONTIA NIGRIPALPIS.

Acontia nigripalpis, Walker, Cat. Lep. Het. B. M. xxxv, p. 1965, (1866).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.

Collection Swinhoe, Mhow, Assirgarh.

1843. ACONTIA OLIVACEA.

Acontia olivacea, Walker, Cat. Lep. Het. B. M., xii, p. 795, (1857).

Punjab, Ceylon.

1844. ACONTIA OPALINOIDES.

Acontia opalinoides, Guén., Noct. ii, 219, 993.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).

Coromandel.

1845. ACONTIA PULLA.

Acontia pulla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 15.

Collection Swinhoe, Poona.

1846. ACONTIA QUADRIPARTITA.

Acontia quadripartita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 786, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454; and 1886, p. 445.

Collection Swinhoe, Mhow, Poona, Bombay.

1847. ACONTIA QUINTANA.

Acontia quintana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 13.

Collection Swinhoe, Poona, Khandalla.

1848. ACONTIA SCANDA.

Acontia scanda, Felder & R. Reise, Novara Lep., pl. 108, fig. 27, (1864-75).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.

Collection Swinhoe, Bombay, Karachi.
Also recorded from Bengal.

1849. ACONTIA TRIRADIATA.

Acontia triradiata, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857).
Collection Swinhoe, Campbellpore.

1850. ACONTIA TURPIS.

Acontia turpis, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857).
N. India.

1851. ACONTIA VIALIS.

Acontia vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).
Collection Swinhoe, Darjiling, Nilgiri Hills.
Also recorded from Dharmsala.

Genus **Carandana.**

1852. CARANDANA FASCICULOSA.

Acontia fasciculosa, Walker, Cat. Lep. Het. B. M. xv, p. 1760, (1858).
Carandana fasciculosa, Moore, Lep. Ceyl. iii, p. 46, (1884).
Ceylon.

Genus **Bankia.**

1853. BANKIA ANGULIFERA.

Bankia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
N.-W. Himalayas.

1854. BANKIA ARGENTULA.

Noctua argentula, Hübn., Beitr. i, 9, pl. 2, fig. F, (1786).*
———— Esp., Schmett iv, pl. 163, fig. 3.*
———— Bork., Eur. Schmett iv, 798, 367*.
———— Dup., Pap. de France vii, 373, pl. 123, fig. 2.*
Pyralis bankiana, Fabr., Sp. Ins. ii, p. 275, No. 1, (1781).
———— Mant., Ins. ii, p. 224, No. 1, (1787).
———— Ent. Syst. iii, p. 2, 242, No. 1, (1794).
Tortrix olivana, Wien., Verz. 120, 1.*
Phalæna (Tortrix) bankiana, Linn. Syst. Nat. 2497.
Argyrostrotis olivea, Hübn., Verz. bek. Schmett, p. 253, No. 2508, (1816).
Erastria argentula, Treit., Schmett v, 255, 3.*
Anthophila argentula, Meig., Handb. 185, 100.*
———— Syst. Besch. iii, 242, 8, pl. 120, fig. 3.*
———— Boisd., Ind. Meth. p. 174, No. 1399, (1840).
Bankia argentula, Guén., Noct. ii, 231, 1014.*
———— Walker, Cat. Lep. Het. B. M. xii, p. 810, (1857).
———— Moore, 2nd Yarkand Mission, p. 12, (1879).
I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1855. BANKIA BASALIS.

Bankia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).
Darjiling, Shanghai.

1856. Bankia erecta.

Bankia erecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
Nilgiri Hills.

1857. Bankia obliqua.

Bankia obliqua, Van M. de Rioy, MS.
———— Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).
Dharmsala, Cashmir.

1858. Bankia opella.

Acontia opella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 16.
Bankia opella, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.
Collection Swinhoe, Karachi, Campbellpore, Poona, Mahábleshwa.

1859. Bankia renalis.

Bankia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Dharmsala, Calcutta.

Genus **Tarache**.

1860. Tarache destituta.

Acontia destituta, Walker, MS. Brit. Mus. Cab.
Tarache destituta, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 6, (1884).
Ceylon.

1861. Tarache inda.

Acontia inda, Felder & R. Reise, Novara Lep., pl. 108, fig. 23, (1864-75).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Tarache inda, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 5, (1884).
Collection Swinhoe, Mhow, Karachi.
Also recorded from Bengal.

1862. Tarache nivosa.

Tarache nivosa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446, pl. 41, fig. 14.
Collection Swinhoe, Solun, Mhow, Poona.

1863. Tarache olivea.

Acontia olivea, Guén., Noct. ii, 217, 986.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Tarache olivea, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 3, (1884).
Bengal.

1864. Tarache postica.

Calophasia postica, Walker, Cat. Lep. Het. B. M. xxxiii. p. 764, (1865).
Tarache postica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Collection Swinhoe, Poona, Campbellpore, Nilgiris.

1865. TARACHE SIGNIFERA.

Acontia signifera, Walker, Cat. Lep. Het. B. M., xii, p. 793 ; and p. 796, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61 ; and 1877, p. 605.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Acontia subfixa, Walker, *loc. cit.* xxxv, p. 1964, (1866).
Tarache signifera, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 4, (1884).

Collection Swinhoe, Solun, Mhow.
Also recorded from Calcutta, Andaman Islands, China.

1866. TARACHE TROPICA.

Acontia tropica, Guén., Nat. ii, 217, 988.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Tarache tropica, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 2, (1884).

Collection Swinhoe, Ratnagiri, Nilgiris.
Also recorded from North India, China, and Ceylon.

Genus **Marimatha.**

1867. MARIMATHA LACTEA.

Marimatha lactea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 7.

Collection Swinhoe, Karachi.

1868. MARIMATHA PURA.

Marimatha pura, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 456, pl. 28, fig. 16.

Collection Swinhoe, Poona.

1869. MARIMATHA SUBFLAVALIS.

Marimatha subflavalis, Walker, Cat. Lep. Het. B. M. xxxiv p. 1205, (1865).

South India.

Genus **Churia.**

1870. CHURIA MACULATA.

Churia maculata, Moore, Proc. Zool. Soc. 1881, p. 360.
———— Lep. Ceyl. iii, p. 50, pl. 150, fig. 7, (1884).

Ceylon.

1871. CHURIA NIGRISIGNA.

Churia nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 360, pl. 37, fig. 13.
———— Descr. Ind. Lep. Atk. ii, p. 136, (1882).

Calcutta.

1872. Churia ochracea.

Churia ochracea, Moore, Proc. Zool. Soc. Lond. 1881, p. 360.
——————— Descr. Ind. Lep. Atk. ii, p. 136, (1882).

Calcutta.

Genus **Phothedes.**

1873. Phothedes bipars.

Phothedes bipars, Moore, Proc. Zool. Soc. Lond. 1881, p. 373, pl. 38, fig. 7.
——————— Descr. Ind. Lep. Atk. ii, p. 142, (1882).

Cherrapunji.
Allied to the European *P. captiuncula* of Zeller.

1874. Phothedes frausa.

Phothedes frausa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446.

Collection Swinhoe, Mhow.

1875. Phothedes veprecola.

Protheodes (sic) *veprecola*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456.

I. M., Poona (Swinhoe).
Collection Swinhoe, Mhow, Poona, Bombay.

Genus **Bagada.**

1876. Bagada pyrochroma.

Bagada pyrochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1753, (1858).
——————— Moore, Lep. Ceyl. iii, p. 48, (1884).

Ceylon.

Genus **Dyrzela.**

1877. Dyrzela plagiata.

Dyrzela plagiata, Walker, Cat. Lep. Het. B. M., xv, p. 1758, (1858).

N. India.

Genus **Piada.**

1878. Piada multiplicans.

Piada multiplicans, Walker, Cat. Lep. Het. B. M., xv, p. 1747, (1858).

Canara.

Family ANTHOPHILIDÆ.

Genus **Agrophila.**

1879. Agrophila sulphuralis.

Phalæna (*Pyralis*) *sulphuralis*, Bergstr., Ins. Suec. i, 16.*
——————— Linn. Syst. 2521.

AGROPHILA SULPHURALIS—*continued.*

Phalæna (*Pyralis*) *sulphuralis*, Fuessl., Ins. 812.*
Noctua sulphurea, Wien., Verz. 93, 6.*
———— Esp., Schmett iv, pl. 164, fig. 6.*
———— Bork., Eur. Schmett iv, 806, 372.*
———— Hübn., Eur. Schmett Noct., pl. 60, fig. 291.*
———— Dup., Hist. Nat. Lep. Fr. vii, 459, pl. 123, fig. 3.*
Bombyx lugubris, Fabr., Ent. Syst. iii, 1, p. 467, No. 188, (1793).
———— Donov., Brit. Ins. x, pl. 339.*
Pyralis trabealis, Scop., Ent. Carn. 610.*
———— Vill., Ent. 807.*
Noctua trabeata, Scriba, Beitr., pl. 10, fig. 8.*
Noctua arabica, Berl., Mag. iii, 412.*
———— Bork., Eur. Schmett 807, 373.*
Emmelia sulphurea, Hübn., Verz. bek. Schmett, p. 254, No. 2509, (1816).
Erastria sulphurea, Treit., Schmett v, 251, 1.*
Erastria sulphuralis, Steph., Ill. Brit. Ent. iii, 117.*
Phytometra sulphurea, Han., Lep. Brit. 262.*
Anthophila sulphurea, Meig., Handb. 184, 98, pl. 13, fig. 11.*
———— Syst. Besch. iii, 242, 9, pl. 120, fig. 1.*
Agrophila sulphurea, Boisd., Ind. Meth. p. 175, No. 1400, (1840).
Agrophila sulphuralis, Guén., Noct. ii, 206, 971.*
———— Eversen, Fauna Volga, Ural, p. 461.*
———— Walker, Cat. Lep. Het. B. M. xii, 773, (1857).
———— Moore, 2nd Yarkand Miss. Lep. p. 12, (1879).
———— Butler, Ann. Mag. N. H. 5, ix, p. 210, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
Agrophila trabealis, Ersch., Lep. Turkestan, p. 52, No. 179, (1874).

Collection Swinhoe, Candahar, Quetta, Ispingil (Beluchistan).
Also recorded from Europe, Turkistan, and Yarkand.

Genus **Anthophila.**

1880. ANTHOPHILA BULLA.

Anthophila bulla, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 9.

Collection Swinhoe, Karachi.

1881. ANTHOPHILA DEROGATA.

Micra derogata, Walker, Cat. Lep. Het. B. M., xii, p. 825, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518.
Anthophila derogata, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 18, (1884).

Collection Swinhoe, Solun, Karachi.
Also recorded from Ceylon and Australia.

1882. ANTHOPHILA DIVISA.

Thalpochares divisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Anthophila divisa, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 10, (1884).

Collection Swinhoe, Sikkim.
Also recorded from Allahabad, Calcutta, Ceylon.

1883. Anthophila hemirhoda.

Micra hemirhoda, Walker, Cat. Lep. Het. B. M., xxxiii, p. 799, (1865).
Anthophila roseifascia, Walker, *loc. cit.*, p. 803, (1865).
Anthophila hæmorrhoida, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Thalpochares adulans, Felder & R. Reise, der Novara Lep., pl. 108, fig. 11, (1864-75).
Anthophila hemirhoda, Moore, Lep. Ceyl. iii, p. 53, (1884).

Java, Ceylon, Bengal.

1884. Anthophila indecisa.

Anthophila indecisa, Walker, Cat. Lep. Het. B. M., xii, p. 829, (1857).

Punjab.

1885. Anthophila innubila.

Anthophila innubila, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Mhow.

1886. Anthophila ligaminosa.

Amphipyra ligaminosa, Eversm., Bull. Soc. Imp. Nat. Mosc. xxiv, No. 2, p. 630, (1851).
Anthophila ligaminosa, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1026, (1857).
Autophila (sic) *ligaminosa*, Butler, Ann. Mag. N. H. ix, p. 5 (5), (1882).

Collection Swinhoe, Candahar, Quetta.
Also recorded from Armenia.

1887. Anthophila nebulifera.

Anthophila nebulifera, Walker, Cat. Lep. Het. B. M. xxxiii., p. 802, (1865).

S. India.

1888. Anthophila plana.

Anthophila (?) *plana*, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 92, (1862—64).
———— Walker, Cat. Lep. Het. B. M. xxxiii, p. 801, (1865).

India.

1889. Anthophila zamia.

Anthophila zamia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 12.

Collection Swinhoe, Karachi.

Genus **Thalpochares.**

1890. Thalpochares albida.

Thalpochares albida, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.

Bombay.

1891. THALPOCHARES BIFASCIATA.

Thalpochares bifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.

Allahabad, Punjab.

1892. THALPOCHARES FLAVIDA.

Thalpochares flavida, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.

Allahabad, Punjab.

1893. THALPOCHARES PARVULA.

Thalpochares parvula, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.

Bombay.
Allied to the European *T. parva*.

1894. THALPOCHARES QUADRILINEATA.

Thalpochares quadrilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370, pl. 38, fig. 14.
——————— Descr. Ind. Lep. Atk. ii, p. 140, (1882).

Calcutta.

1895. THALPOCHARES RIVULA.

Thalpochares rivula, Moore, Descr. Ind. Lep. Atk. ii, p. 140, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457; & 1886, p. 447.

Collection Swinhoe, Bombay, Mhow, Karachi.
Also recorded from Calcutta.

1896. THALPOCHARES ROSEANA.

Micra roseana, Van M. de Ring, MS.
Thalpochares roseana, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Sikkim, Mhow, Bombay.
Also recorded from Dharmsala.
Allied to *T. rivula*.

1897. THALPOCHARES TRIFASCIATA.

Thalpochares trifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370, pl. 38, fig. 21.
——————— Descr. Ind. Lep. Atk. ii, p. 139, (1882).

Calcutta.

1898. THALPOCHARES UBEROSA.

Thalpochares uberosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Poona.

Genus **Micra**.

1899. MICRA BALUX.

Micra balux, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 14.

Collection Swinhoe, Karachi.

1900. MICRA CHALYBEA.

Micra chalybea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 10.

Collection Swinhoe, Karachi.

1901. MICRA FURIA.

Micra furia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 13.

Collection Swinhoe, Karachi.

Genus **Leptosia.**

1902. LEPTOSIA QUINARIA.

Leptosia quinaria, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
——— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
——— Proc. Zool Soc. Lond. 1886, p. 445.

Collection Swinhoe, Solun, Mhow, Quetta, Karachi.
Also recorded from Allahabad and Manpuri.

Genus **Tima.**

1903. TIMA MARGARITA.

Phalæna (*Noctua*) *margaritata*, Drury, Ins. iii, p. 28, pl. 21, fig. 6, (1782).
Tima margarita (sic), Walker, Cat. Lep. Het. B. M. xii, p. 840, (1857).

N. India.

Genus **Hydrelia.**

1904. HYDRELIA CONJUGATA.

Hydrelia conjugata, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
——— Descr. Ind. Lep. Atk. ii, p. 139, (1882).

Darjiling.

1905. HYDRELIA SEMILUGENS.

Hydrelia semilugens, Walker, Cat. Lep. Het. B. M. xii, p. 814, (1857).

India.

Genus **Hyela.**

1906. HYELA CURVIFERA.

Hydrelia curvifera, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 91, (1862—64).
——— ———Cat. Lep. Het. B. M. xxxiii, p. 797, (1865).
Hyela curvifera, Moore, Lep. Ceyl. iii, p. 56, (1884).

Ceylon.

1907. HYELA LATIVITTA.

Bankia lativitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
Hyela (sic) *lativitta*, Moore, Lep. Ceyl. iii, p. 56, pl. 150, fig. 9, (1884).

Nilgiri Hills.

Genus **Phyllophila.**

1908. PHYLLOPHILA MODESTA.

Phyllophila modesta, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 13, (1884).
Ceylon.

Genus **Eublemma.**

1909. EUBLEMMA AMABILIS.

Eublemma amabilis, Moore, Lep. Ceyl. iii, p. 54, pl. 150, fig. 12, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.
Collection Swinhoe, Mhow.
Also recorded from Ceylon.

Genus **Maradana.**

1910. MARADANA RIVULATA.

Maradana rivulata, Moore, Lep. Ceyl. iii, p. 58, pl. 150, fig. 14, (1884).
Ceylon.

Genus **Odice.**

1911. ODICE TRANSVERSA.

Odice transversa, Moore, Lep. Ceyl. iii, p. 57, pl. 150, fig. 15, (1884).
Ceylon.
Allied to O. *abscissa* from South Africa.

Genus **Paracrama.**

1912. PARACRAMA DULCISSIMA.

Nolasena dulcissima, Walker, Journ. Linn. Soc. Lond. Zool. vii, p. 76.
——————— ——— Cat. Lep. Het. B. M. xxxiii, p. 860, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 606.
Paracrama dulcissima, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 11, (1884).
Andaman Islands, Ceylon, Borneo.

FAMILY ORTHOSIIDÆ.

Genus **Orthosia.**

1913. ORTHOSIA CURVIPLENA.

Orthosia curviplena, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865); & xxxv, p. 1960, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

1914. ORTHOSIA ERUBESCENS.

Orthosia erubescens, Butler, Ann. Mag. N. H, (5), 5, p. 224, (1880).
——————— Proc. Zool. Soc. Lond. 1881, p. 618.
I. M., Kulu (Young).
Collection Swinhoe, Nilgiri Hills, Kasauli, and Sikkim.

1915. Orthosia externa.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
———————Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Sikkim.
Collection Swinhoe, Kasauli.

1916. Orthosia infrequens.

Orthosia infrequens, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 11.

Collection Swinhoe, Karachi.

1917. Orthosia rectivitta.

Orthosia rectivitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 353.
——————————— Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Sikkim.

1918. Orthosia sinens.

Orthosia sinens, Walker, Cat. Lep. Het. B. M. xi, p. 746, (1857).

India.

1919. Orthosia uniformis.

Orthosia uniformis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350, pl. 9, fig. 6.

Collection Swinhoe, Quetta.

Genus **Tæniocampa**.

1920. Tæniocampa castaneipars.

Tæniocampa castaneipars, Moore, Descr. Ind. Lep. Atk. ii, p. 122, (1882).

Sikkim.
Allied to *T. leucographa* of Europe.

1921. Tæniocampa chiklika.

Tæniocampa chiklika, Moore, Ann. Mag. N. H. 5, i, p. 234, (1878).
——————————— 2nd Yarkand Miss. Lep. 1879, p. 11, pl. 1, fig. 11.

Yarkand.

Genus **Ranaja**.

1922. Ranaja fasciata.

Ranaja fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 121, pl. iv, fig. 18, (1882).

Sikkim.

Genus **Dimya.**

1923. DIMYA SINUATA.

Dimya sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 122, pl. 4, fig. 17, (1882).

Sikkim.

Genus **Aramuna.**

1924. ARAMUNA MARGINATA.

Aramuna marginata, Moore, Lep. Ceyl. iii, p. 36, pl. 149, fig. 6, (1884).

Ceylon.

FAMILY HADENIDÆ.

Genus **Eurois.**

1925. EUROIS AURIPLENA.

Eurois auriplena, Walker, Cat. Lep. Het. B. M. xi, p. 557, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Hadena auriplena, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
Trachea auriplena, Moore, Lep. Ceyl. iii, p. 37, pl. 148, fig. 2, (1884).

I. M., N. Khasi Hills, Sibsagar (Peal), Kulu (Young), Sikkim (purchased, also Barnes).
Collection Swinhoe, Sikkim, Kulu, Nilgiri Hills.
Also recorded from Ceylon.

1926. EUROIS CRASSIPENNIS.

Eurois crassipennis, Walker, Cat. Lep. Het. B. M. xi, p. 558, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Collection Swinhoe, Punjab.
Also recorded from Sylhet.

1927. EUROIS INCLUSA.

Eurois inclusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 725, (1865).
———— Moore, Lep. Ceyl. iii, p. 37, (1884).

Ceylon.

1928. EUROIS MAGNIFICA.

Eurois magnifica, Moore, Descr. Ind. Lep. Atk. ii, p. 127, (1882).

Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.
Allied to the European *E. occulta* and the Japanese *E. virens*.

1929. EUROIS REPUGNANS.

Eurois repugnans, Walker, Cat. Lep. Het. B. M. xi, p. 751, (1857).

India.

1930. Eurois turbata.

Eurois turbata, Walker, Cat. Lep. Het. B. M. xv, p. 1720, (1858).
N. India.

Genus **Hadena.**

1931. Hadena adjuncta.

Hadena adjuncta, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.
Dalhousie.
Allied to the European *H. satura*.

1932. Hadena albidisca.

Hadena albidisca, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6, fig. 17.
Bengal.

1933. Hadena atrovirens.

Hadena atrovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).
I. M., Khasi Hills (purchased), Sikkim (De Niceville).

1934. Hadena constellata.

Hadena constellata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 21, (1882).
Sikkim.
Allied to *H. satura* and *H. confundens* of Europe.

1935. Hadena distans.

Hadena distans, Moore, Descr. Ind. Lep. Atk. ii, p. 130, (1882).
Collection Swinhoe, Kasauli.
Also recorded from Sikkim and the Khasi Hills.
Allied to *H. indistans*.

1936 Hadena hastata.

Hadena hastata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 20, (1882).
Sikkim.

1937. Hadena indistans.

Hadena indistans, Guén., Noct. ii, 87, 786*.
——————— Walker, Cat. Lep. Het. B. M., xi, p. 592, (1857).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Hadena confundens, Walker, *loc. cit.* xi, p. 757, (1857); & xxxiii, p. 727, (1865).
Hadana inextricans, Walker, *loc. cit.* xv, p. 1729, (1858).
Astrapetis indistans, Moore, Lep. Ceyl. iii, p. 38, pl. 148, fig. 5, (1884).
Collection Swinhoe, Poona, Bombay.
Also recorded from Central India and Ceylon.

1938. HADENA LANCEOLA.

Hadena lanceola, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.

Bengal.

1939. HADENA MEDIA.

Hadena media, Walker, Cat. Lep. Het. B. M, xi, p. 756, (1857); & xxxiii, p. 727, (1865).

Canara.

1940. HADENA NIVEIPLAGA.

Hadena niveiplaga, Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).

I. M., Kulu (Young).
Collection Swinhoe, Kasauli, Sikkim.

1941. HADENA RUPTISTRIGA.

Hadena ruptistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865).
Astrapetis ruptistriga, Moore, Lep. Ceyl. iii, p. 33, (1884).

Ceylon.

1942. HADENA SIDERIFERA.

Hadena siderifera, Moore, Proc. Zool. Lond. 1881, p. 357.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Kulu (Young).
Collection Swinhoe, Simla, Sikkim, and Nilgiri Hills.
Allied to *H. albiflexura* and *H. constellata*.

1943. HADENA SPARGENS.

Hadena spargens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865).

India.

1944. HADENA STOLICZKANA.

Hadena stoliczkana, Moore, Ann. Mag. N. H. (5) i, p. 234, (1878).
——————— 2nd Yarkand Mission, Lep. 1879, p. 11, pl. 1, fig. 12.

I. M, Moore's type (2nd Yarkand Mission).

Genus **Berrhæa.**

1945. BERRHÆA ALBINOTA.

Hadena albinota, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Berrhæa albinota, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
——————— Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Bengal, Sikkim.

1946. BERRHÆA AURIGERA.

Berrhæa aurigera, Walker, Cat. Lep. Het. B. M. xv, p. 1721, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
——————— Descr. Ind. Lep. Atk. ii, p. 128, (1882).

Collection Swinhoe, Sikkim.

1947. Berrhæa megastigma.

Hadena megastigma, Walker, Cat. Lep. Het. B. M. xxxiii, p. 738, (1865); and xxxv, p. 1961, (1866).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Berræa megastigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
——— Descr. Ind. Lep. Atk. ii, p. 129.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1948. Berrhæa olivacea.

Berrhæa olivacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.
——— Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Sikkim.
Allied to *B. megastigma*.

Genus **Dianthecia**.

1949. Dianthecia auroviridis.

Hadena auroviridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6. fig. 11.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Bengal.

1950. Dianthecia calamistrata.

Dianthecia calamistrata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, pl. 4, fig. 23, (1882).

Sikkim.
Allied to *D. perplexa*.

1951. Dianthecia confluens.

Dianthecia confluens, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 20.
——— Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1952. Dianthecia literata.

Dianthecia literata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

1953. Dianthecia luteifrons.

Dianthecia luteifrons, Walker, Cat. Lep. Het. B. M., xi, p. 751, (1857); and xxxiii, p. 721, (1865).

N. India.

1954. Dianthecia stellifera.

Dianthecia stellifera, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1955. DIANTHECIA VENOSA.

Dianthecia venosa, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

Allied to *D. literata*.

Genus **Euplexia.**

1956. EUPLEXIA ALBOVITTATA.

Euplexia albovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 16.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).
——————— Butler, Ann. Mag. Nat. Hist. (5), 5, p. 225, (1880).

I. M., Kasauli (Swinhoe), N. Khasi Hills, Sikkim.

Collection Swinhoe, Nilgiri Hills, Sikkim, Kasauli, and Thundiani.

1957. EUPLEXIA CUPREA.

Euplexia cuprea, Moore, Proc. Zool. Soc. Lond. 1874, p. 578.

Simla.

1958. EUPLEXIA DISCISIGNATA.

Euplexia discisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 9.
——————— Walker, Cat. Lep. Het. B. M., xxxv, p. 1960, (1866).

I. M., Sikkim (purchased).

1959. EUPLEXIA DISTORTA.

Euplexia distorta, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 18.
——————— Descr. Ind. Lep. Atk. ii, p. 125, (1882).

Sikkim.

1960. EUPLEXIA SINUATA.

Euplexia sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 125, pl. 4, fig. 25, (1882).

Sikkim.

1961. EUPLEXIA SEMIFASCIA.

Hadena semifascia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 737, (1865).
Euplexia semifascia, Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

I. M. No locality (Swinhoe).

Collection Swinhoe, Kulu, Dharmsala, Nilgiri Hills, and Satara.

1962. EUPLEXIA STRIATOVIRENS.

Euplexia striatovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).

Collection Swinhoe, Sikkim.

Genus **Anarta.**

1963. ANARTA GEMMIFERA.

Plusia gemmifera, Walker, Cat. Lep. Het. B. M. xii, p. 934, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
Anarta gemmifera, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
Nilgiri Hills.

1964. ANARTA LADAKENSIS.

Anarta ladakensis, Felder & R. Reise, Novara Lep., pl. 108, fig. 38, (1864-75).

Himalayas.

Genus **Radinacra.**

1965. RADINACRA PLACIDA.

Radinacra placida, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4, (1884).
Ceylon.

1966. RADINACRA RENALIS.

Radinacra renalis, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4*a*, (1884).
Ceylon.

1967. RADINACRA THORACICA.

Radinacra thoracica, Moore, Lep. Ceyl. iii, p. 31, pl. 148, fig. 4, (1884).
Ceylon.

1968. RADINACRA VARIANA.

Radinacra variana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444, pl. 40, fig. 10.

Collection Swinhoe, Mhow.

Genus **Hecatera.**

1969. HECATERA MODESTA.

Hecatera modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882).
Cashmir.
Allied to *H. magnolii* and *H. xanthocyanea* of Europe.

1970. HECATERA TRANSVERSA.

Hecatera transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882).

Cashmir.
Allied to *H. serena* of Europe.

Genus **Sarbanissa.**

1971. SARBANISSA INSOCIA.

Sarbanissa insocia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 746, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 60.

Sikkim.

Genus **Checupa.**

1972. CHECUPA FORTISSIMA.

Checupa fortissima, Moore, Proc. Zool. Soc. Lond. 1867, p. 60, pl. 6, fig. 5.
Sikkim.

Genus **Chutapha.**

1973. CHUTAPHA COSTALIS.

Chutapha costalis, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882).
Sikkim.

Genus **Nikara.**

1974. NIKARA CASTANEA.

Nikara castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 126, pl. 4, fig. 24, (1882).
Sikkim.

Genus **Appana.**

1975. APPANA INDICA.

Phlogophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 57.
Appana indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.
——————— Descr. Ind. Lep. Atk. ii, p. 127, (1882).
Collection Swinhoe, Sikkim.
Also recorded from Bengal.

Genus **Dryobata.**

1976. DRYOBATA LEUCOSTICTA.

Dryobata leucosticta, Moore, Descr. Ind. Lep. Atk. ii, p. 129, pl. 4, fig. 22, (1882).
Sikkim.
Allied to the European *D. roboris*.

Genus **Trigonophora.**

1977. TRIGONOPHORA ALBOSIGNATA.

Trigonophora albosignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.
N.-W. Himalayas.
Allied to the European *T. empyrea*.

Genus **Hyada.**

1978. HYADA GRISEA.

Hyada grisea, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 26, (1882).
Sikkim.

Genus **Charidea.**

1979. CHARIDEA QUINQUE-BRUNNEUM.

Charidea quinque brunneum, Guén., Noct. ii, 62, 750.*
———— Walker, Cat. Lep. Het. B. M. xi, p. 538, (1857).

Pondicherry.

FAMILY NOCTUIDÆ.

Genus **Agrotis.**

1980. AGROTIS AQUILINA.

Noctua aquilina, Schiff., Wien. Verz. 80, 6.*
———— Bork., Eur. Schmett 156.*
———— Hübn., Samml. Eur. Schmett Noct., pl. 29, fig. 135.*
———— God., Hist. Nat. Lep. Fr. v, pl. 115, fig. 635.*
Noctua domestica, Fabr., Ent. Syst. iii, 2, p. 23, No. 48, (1794).
Noctua nigrofusca, Esp., Schmett iv, pl. 127, fig. 6.*
var. *Agrotis vitta*, Treit., Schmett v, i, 132, 5.*
———— Steph., Ill. Brit. Ent. Haust. ii, 120.*
Noctua vitta, Esp., Schmett, pl. 143, fig. 6.*
———— Bork, Eur. Schmett iv, 191 (♀).*
———— Hübn., Eur. Schmett Noct., figs. 533, 534.*
———— God., Hist. Nat. Lep. Fr. v, pl. 64, figs. 4 & 5.*
Noctua (Agrotis) vitta, Meig., Syst. Besch. iii, 83, 3, pl. 92, fig. 12.*
Metaxya aquilina, Meig., Syst. Besch. iii, 84, 4, pl. 93, fig. 7.*
Noctua tritici, God., Hist. Nat. Lep. Fr. v, pl. 65, figs. 4, 5.*
Agrotis aquilina, Treit., Schmett. Eur. v, i, 134, 6.*
———— Boisd., Ind. Meth., 110, 841, (1840).
———— Guén., Ann. Soc. Ent. Fr. (1), vi, 355, (1837).
———— Noct. i, 289, 472.*
———— Walker, Cat. Lep. Het. B. M. x, p. 321, (1856).
———— Moore, 2nd Yarkand Miss. Lep., p. 10, (1879).

I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1981. AGROTIS ARISTIFERA.

Agrotis aristifera, Guén., Noct. i, p. 266, No. 426, (1852)*.
———— Walker, Cat. Lep. Het. B. M., x, p. 344, (1856).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 160; and 1886, p. 380.
———— Moore, Lep. Ceyl. iii, p. 32, pl. 147, fig. 5, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 453; and 1886, p. 444.
Agrotis munda, Walker, Cat. Lep. Het. B. M. x, p. 348, (1856).

I. M., Mhow (Swinhoe), Solun (Swinhoe), no locality (Karachi Museum), Kulu (Young).
Collection Swinhoe, Solun, Mhow, Karachi, Poona, Nilgiri Hills.
Also recorded from Central India, Ceylon, Australia, and New Zealand.

1982. AGROTIS AVERSA.

Agrotis aversa, Walker, Cat. Lep. Het. B. M. x, p. 345, (1856).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349.
———— Butler, Proc. Zool. Soc. Lond., 1886, p. 380.
Caradrina triturata, Walker, *loc. cit.* x, p. 295, (1856).
Agrotis certificata, Walker, *loc. cit.* xxxii, p. 697, (1865).
Collection Swinhoe, Candahar.
Also recorded from Murree.

1983. AGROTIS CESPITIS.

Agrotis cespitis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 4.
Collection Swinhoe, Quetta.

1984. AGROTIS CONFORMIS.

Agrotis conformis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 5.
Collection Swinhoe, Quetta.

1985. AGROTIS CONGRUA.

Agrotis congrua, Walker, Cat. Lep. Het. xxxii, p. 695, (1865).
———— Moore, Lep. Ceyl. iii, p. 33, (1884).
Ceylon.

1986. AGROTIS CONSPURCATA.

Agrotis conspurcata, Walker, Cat. Lep. Het. xxxii, p. 696, (1865).
———— Moore, Lep. Ceyl. iii, p. 33, pl. 147, figs. 7, 7*a*, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.
Collection Swinhoe, Simla, Poona, Sikkim, Nilgiri Hills.
Also recorded from Ceylon.
Allied to *A. correcta* of Europe.

1987. AGROTIS CORRECTA.

Agrotis correcta, Walker, Cat. Lep. Het., x, p. 345, (1856).
Collection Swinhoe, Nilgiri Hills.
Also recorded from North India.

1988. AGROTIS FRATERNA.

Agrotis fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 116, (1882).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Collection Swinhoe, Simla, Kasauli, and Thundiani.
Also recorded from Sikkim and the Nilgiri Hills.
Allied to *A. corticea* of Europe.

1989. AGROTIS (?) HYBLÆA.

Agrotis hyblæa, Felder & R. Reise, Novara, pl. 108, fig. 43, (1864-75).
N.-W. Himalayas.

1990. AGROTIS INTAMINATA.

Agrotis intaminata, Walker, Cat. Lep. Het. xxxii, p. 698, (1865).

S. India.

1991. AGROTIS INTRACTA.

Agrotis intracta, Walker, Cat. Lep. Het., x, p. 346, (1856).

Nepal.

1992. AGROTIS JUNCTURA.

Agrotis junctura, Moore, Proc. Zool. Soc. Lond. 1881, p. 351.

Dalhousie.

Allied to *A. hastifera* of Europe.

1993. AGROTIS LASSA.

Agrotis lassa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444.

Collection Swinhoe, Mhow.

Allied to *A. repulsa*.

1994. AGROTIS MODESTA.

Agrotis modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 351.

Collection Swinhoe, Cashmir.

Allied to *A. aquilina* of Europe.

1995. AGROTIS PLACIDA.

Agrotis placida, Moore, Descr. Ind. Lep. Atk. ii, p. 117, pl. iv, fig. 19, (1882).

Cashmir, Calcutta.

Allied to *A. multangula* of Europe.

1996. AGROTIS PLAGIATA.

Agrotis plagiata, Walker, Cat. Lep. Het. B. M., xi, p. 740, (1857).
Tiracola plagiata, Moore, Proc. Zool. Soc. Lond. 1881, p 352.
——————— Descr. Ind. Lep. Atk. ii, p. 117.
——————— Lep. Ceyl. iii, p. 34, pl. 148, figs. 1 1*a* (1884).
Agrotis plagifera, Walker, Cat. Lep. Het. B. M. xi, p. 741, (1857).

Ceylon, S. India, Sikkim.

1997. AGROTIS PUNCTIPES.

Agrotis punctipes, Walker, Cat. Lep. Het. B. M. xi, p. 695, (1857).
——————— Moore, Lep. Ceyl. iii, p. 32, (1884).

Ceylon.

1998. AGROTIS QUADRISIGNA.

Agrotis quadrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
Chersotis qradrisigna, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

I. M., Kulu (Young), no locality (Swinhoe).

Collection Swinhoe, Solun, Nilgiri Hills, Mahábleshwar.

Also recorded from Dehra.

Allied to the European species *A. labyrinthica*, *A. placida*, and *rectangula*.

1999. AGROTIS REPULSA.

Agrotis repulsa, Walker, Cat. Lep. Het. B. M. xxxii, p. 696, (1865).

S. India.

2000. AGROTIS SEGETUM.

Noctua segetum, Schiff., Wien. Verz., p. 252, (1776)*.
——— Selys Longchamps, Ann. Soc. Ent. Belg. x, Comptes R., pp. viii–x, (1867).
Agrotis segetum, Newman, Zool. 1865, p. 9545.
——— Guérin, Rev. et Mag. de Zool. 1864, p. 58.
——— Wien., Verz. 81, 12, p. 1, figs. 3*a*, *b*.*
——— Taschenberg, Naturg. Wirbell. Thière 1865, p. 100, pl. I, figs. 8-10*.
——— Künstler, Verh. Zool. Bot. Ges. Wien. xvii, p. 932, (1867).
——— Moore, 2nd Yarkand Mission, p. 10, (1879).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; and 1886, p. 444.
——— Trans. Ent. Soc. Lond. 1885, p. 349.
Phalæna (*Noctua*) *segetis*, Linn. Syst. Nat. 1, v, p. 2539, No. 1018, (1788-93).

I. M., Prussia (exchange), Kulu (Young), Yarkand (2nd Mission), Solun (Swinhoe), Ceylon (Colombo Museum).

Collection Swinhoe, Solun, Nilgiri Hills, Mhow, Poona, Quetta, Dubrai, Sikkim, Hydrabad (Sind), Thundiani (Punjab).

2001. AGROTIS SUFFUSA.

Noctua suffusa, Fabr., Mant. Ins. ii, p. 157, No. 155, (1787).
Phalæna (*Noctua*) *suffusa*, Linn., Syst. Nat. i, 5, p. 2541, No. 1028, (1788-93).
Agrotis suffusa, Treit., Schmett Eur. v, 1, 152, 15*.
——— Steph., Ill. Brit. Haust. ii, 116*.
——— Guén., Noct. i, p. 268*.
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 53.
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 160; & 1886, p. 380.
——— Moore, Lep. Ceyl. iii, p. 33, pl. 147, fig. 6, (1884).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; & 1886, p. 444.
——— Trans. Ent. Soc. Lond. 1885, p. 349.
Phalæna idonea, Cram., Pap. Exot. iii, pl. 275, fig. H; and pl. 311, fig. A, (1780).
Bombyx spinula, Esp., Schmett iii, pl. 63, figs. 6, 7.*
Peidroma suffusa, Hübn., Verz. Bek. Schmett, p. 227, No. 2275, (1816).

I. M., Ghazipore, Kulu (Young), Calcutta (Cotes and De-Niceville).

Collection Swinhoe, Solun, Sikkim, Quetta, Mhow, Poona.

Also recorded from Europe, America, Australia, New Zealand, Africa, China, Ceylon.

2002. AGROTIS TIBETANA.

Agrotis tibetana, Moore, Ann. Mag. N. H. 5, i, p. 233, (1878).
——— 2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 16, (1879).

I. M., Type, Moore (2nd Yarkand Mission).

2003. AGROTIS VANA.

Agrotis vana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453, pl. 27, fig. 9.
Collection Swinhoe, Satara, Poona.

Genus **Spælotis.**

2004. SPÆLOTIS CORUSCANTIS.

Spælotis coruscantis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9, fig. 3.
Collection Swinhoe, Chaman (S. Afghanistan).

2005. SPÆLOTIS FRAGILIS.

Spælotis fragilis, Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Collection Swinhoe, Solun.
Allied to *S. decora* of Europe.

2006. SPÆLOTIS INDIANA.

Agrotis indiana, Guén., Noct. i, 302, 500*.
Spælotis indiana, Walker, Cat. Lep. Het., x, p. 372, (1856).
India.

2007. SPÆLOTIS UNDULANS.

Spælotis undulans, Moore, Ann. Mag. N. H. (5), i, p. 233, (1878); and ix, p. 210, (1882).
———— 2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 10, (1879).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.
———— Proc. Zool. Soc. Lond. 1884, p. 516.
I. M., Type Moore (2nd Yarkand Mission).
Collection Swinhoe, S. Afghanistan.
Also recorded from Karachi.
Allied to *S. pyrophila* of Europe.

Genus **Graphiphora.**

2008. GRAPHIPHORA BASISTRIGA.

Graphiphora basistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
Sikkim.

2009. GRAPHIPHORA CERASTIOIDES.

Graphiphora cerastioides, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).
I. M., Sikkim.

2010. GRAPHIPHORA COGNATA.

Graphiphora cognata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.
Collection Swinhoe, Sikkim, Poona, Khandalla.

2011. GRAPHIPHORA FASCIATA.

Graphiphora fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).

Sikkim.

2012. GRAPHIPHORA FLAVIRENA.

Graphiphora flavirena, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 3.
——————— Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.
Allied to *G. neglecta*.

2013. GRAPHIPHORA FRONTALIS.

Graphiphora frontalis, Moore, Lep. Ceyl. iii, p. 35, pl. 148, fig. 3, (1884).

Ceylon.

2014. GRAPHIPHORA INTERSTINCTA.

Graphiphora interstincta, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.
Allied to the European *G. bella*.

2015. GRAPHIPHORA NIGROSIGNA.

Graphiphora nigrosigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 4.
——————— Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.
Allied to *G. bella* of Europe.

2016. GRAPHIPHORA C-NIGRUM.

Phalæna (*Noctua*) *c-nigrum*, Linn., Faun. Suec. 1193*.
——————— Clerck, Icon., pl. i, fig. 3*.
——————— Linn., Syst. Nat. i, 5, p. 2542, No. 162, (1788-93).
Noctua c-nigrum, Wien., Verz. 77, 7*.
——————— Fabr., Mant. Ins. ii, p. 154, No. 140, (1787).
——————— Kock., Beit. Ins. iii, pl. 5, fig. 1*.
——————— Bork., Eur. Schmett iv, 492, 194*.
——————— Hübn., Samml. Eur. Schmett Noct., pl. 24, fig. 111*.
——————— Haw., Lep. Brit. 191*.
——————— Treit., Schmett Eur. v, 237, 13*.
——————— God., Hist. Nat. Lep. Fr. ii, 177, pl. 6, fig. 1*.
——————— Boisd., Ind. Meth. p. 104, No. 777, (1840).
——————— Guén., Ann. Soc. Ent. Fr. (1), vi, p. 363, (1837).
——————— Noct. i, 328, 545*.
——————— Meig., Syst. Besch. iii, 100, 34, pl. 93, fig. 4*.
Bombyx non-atrum, Esp., Schmett, Text, 385*.
——————— Bork., Eur. Schmett 195*.
Noctua gothica (var. *singularis*), Esp., Schmett iii, pl. 76, fig. 3*.
Megasema c-nigrum, Hübn., Verz. Bek. Schmett, p. 223, No. 2231, (1816).
Graphiphora c-nigrum, Steph., Ill. Brit. Ent. Haust. ii, 136*.
——————— Westw., & H., Brit. Moths, ii, 132, pl. 26, figs. 4, 5*.

GRAPHIPHORA C-NIGRUM—*continued.*

Graphiphora c-nigrum, Walker, Cat. Lep. Het. B. M. x, p. 389, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——————— Butler, Ann. Mag. N. H. (5), 5, p. 224, (1880).
———————————Proc. Zool. Soc. Lond. 1883, p. 161.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

I. M., Kulu (Young), N. Khasi Hills, Ootacamund (Davison), Bombay (Swinhoe), Prussia (exchange).
Collection Swinhoe, Simla, Nilgiri Hills, Bombay.
Also recorded from Europe.

2017. GRAPHIPHORA RUBICILIA.

Graphiphora rubicilia, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).

Sikkim.

2018. GRAPHIPHORA STELLATA.

Graphiphora stellata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).
Khasi Hills, Sikkim.

2019. GRAPHIPHORA VULPINA.

Graphiphora vulpina, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882).
Sikkim.
Allied to *G. sobrina* and *G. festiva* of Europe.

Genus **Ochropleura.**

2020. OCHROPLEURA CONSANGUINEA.

Ochropleura consanguinea, Moore, Proc. Zool. Soc. Lond. 1881, p. 353.
Solun, Dalhousie.
Allied to *O. renalis*.

2021. OCHROPLEURA COSTALIS.

Ochropleura costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
———————Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).

Collection Swinhoe, Sikkim.

2022. OCHROPLEURA COSTIGERA.

Agrotis costigera, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
——————— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Collection Swinhoe, Solun.
Also recorded from Cherrapunji.

2023. Ochropleura ditrapezium.

Noctua ditrapezium, Bork., Schmett Eur. iv, 515, 206*.
——————— Wien. Verz. 312, 8, 9 (?)*.
——————— Hübn., Samml. Eur. Schmett Noct., pl. 100, fig. 472*.
——————— Treit., Schmett Eur. Suppl. x, 36*.
——————— Guén., Ann. Soc. Ent. Fr. p. 363, vi, (1837).
——————— Noct. i, 329, 547*.
Noctua tristigma, Och., Syst. Gloss. Schmett von Eur. iv*.
——————— Treit., Schmett Eur. v, 253, 15*.
——————— Boisd., Ind. Meth. p. 105, No. 778, (1840).
Megasema ditrapezium, Hübn., Verz. Bek. Schmett p. 223, No. 2229, (1816).
Graphiphora ditrapezium, Steph., Cat. Brit. Lep. 71*.
——————— Walker, Cat. Lep. Het. B. M. x, p. 390, (1856).

Collection Swinhoe, Solun.
Also recorded from Europe.

2024. Ochropleura flammatra.

Phalæna flammatra, Linn. Syst. Nat. i, 5, p. 2543, No. 1034, (1788-93).
Noctua flammatra, Fabr., Mant. Ins. ii, p. 155, No. 147, (1787).
——————— Ent. Syst. iii, 2, p. 67, No. 190, (1794).
Oggia flammatra, Hübn., Verz. Bek. Schmett p. 225, No. 2252, (1816).
Ochropleura flammatra, Walker, Cat. Lep. Het. B. M., x, p. 408, (1856).
——————— Guén., Noct. i, p. 327*.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
Agrotis basiclavis, Walker, Cat. Lep. Het. B. M., x, p. 346, (1856); and xi, p. 740, (1857).

I. M., Delhi, Kulu (Young).
Collection Swinhoe, Solun, Campbellpore.
Also recorded from Europe and Brazil.

2025. Ochropleura renalis.

Ochropleura renalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Bengal.

2026. Ochropleura spilota.

Ochropleura spilota, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Bengal.

2027. Ochropleura triangularis.

Ochropleura triangularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
——————— Swinhhoe, Proc. Zool. Soc. Lond. 1885, p. 453.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

I. M., Sikkim.
Collection Swinhoe, Sikkim, Satara, Dharmsala.
Also recorded from Murree.
Allied to *O. musiva* of Europe.

Genus **Epilecta.**

2028. Epilecta confecta.

Triphæna confecta, Walker, Cat. Lep. Het. B. M., xv, p. 1705, (1858).

India.

2029. Epilecta opulenta.

Epilecta opulenta, Moore, MS.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Collection Swinhoe, Sikkim, Dharmsala, Nilgiri Hills.

2030. Epilecta pulcherrima.

Epilecta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 54, pl. 6, fig. 3.
I. M., Sikkim.

2031. Epilecta semiherbida.

Triphæna semiherbida, Walker, Cat. Lep. Het. B. M., xi, p. 743, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Epilecta semiherbida, Butler, Ill. Typ. Lep. vi, p. 34, pl. 110, fig. 1, (1886).
Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.

Genus **Megasema.**

2032. Megasema cinnamomea.

Megasema cinnamomea, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 6.
——————— Descr. Ind. Lep. Atk. ii, p. 119, (1882).
Sikkim.

Genus **Hermonassa.**

2033. Hermonassa chalybeata.

Hermonassa chalybeata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38, fig. 17.
——————— Descr. Ind. Lep. Atk. ii, p. 119, (1882).
Sikkim.
Allied to *H. consignata*.

2034. Hermonassa consignata.

Hermonassa consignata, Walker, Cat. Lep. Het. B. M., xxxii, p. 632, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 49.
I. M., specimens with no history.
Collection Swinhoe, Sikkim.

2035. Hermonassa cuprina.

Hermonassa cuprina, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Collection Swinhoe, Sikkim.

2036. Hermonassa incisa.

Hermonassa incisa, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Sikkim.

2037. HERMONASSA LUNATA.

Hermonassa lunata, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Cashmir.

2038. HERMONASSA SINUATA.

Hermonassa sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38, fig. 5.
———————— Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Sikkim.
Allied to *H. cuprina*.

Genus **Rusina**.

2039. RUSINA DOCILIS.

Rusina docilis, Walker, Cat. Lep. Het. B. M., xi, p. 735, (1857).
N. India.

FAMILY APAMIIDÆ.

Genus **Berresa**.

2040. BERRESA NATALIS.

Berresa natalis, Walker, Cat. Lep. Het. B. M. xvi, p. 214, (1858).
———————— Moore, Lep. Ceyl. iii, p. 26, pl. 146, fig. 3, (1884).
Ceylon.

Genus **Dipterygia**.

2041. DIPTERYGIA INDICA.

Dipterygia indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
Sikkim.

2042. DIPTERYGIA SIKKIMA.

Dipterygia sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Sikkim.

2043. DIPTERYGIA SUBCURVA.

Hadena subcurva, Walker, Cat. Lep. Het. B. M., xi, p. 592, (1857).
Hadena postica, Walker, *loc. cit.*, p. 594.
Dipterygia subcurva, Moore, Lep. Ceyl. iii, p. 17, pl. 145, fig. 8, (1884).
Ceylon.

Genus **Sasunaga**.

2044. SASUNAGA TENEBROSA.

Hadena tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.
Sasunaga tenebrosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 343.
———————— Descr. Ind. Lep. Atk. ii, p. 106, (1882).
———————— Lep. Ceyl. iii, p. 16, pl. 145, fig. 7, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.
Collection Swinhoe, Poona.
Also recorded from Bengal and Sikkim.

Genus **Thalpophila.**

2045. THALPOPHILA CALOPISTRIOIDES.

Thalpophila callopistrioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

N. India.

2046. THALPOPHILA CUPREA.

Thalpophila cuprea, Moore, Proc. Zool. Soc. Lond. 1877, p. 604, pl. 59, fig. 10.

Andaman Islands.

2047. THALPOPHILA DELINEATA.

Thalpophila delineata, Moore, Lep. Ceyl. iii, p. 25, pl. 146, fig. 5, (1884).

Ceylon.

2048. THALPOPHILA INDICA.

Thalpophila indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

N.-W. Himalayas.

Allied to the European *T. texta*.

Genus **Apamea.**

2049. APAMEA BASALIS.

Apamea basalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 346.

Dalhousie.

2050. APAMEA CONSANGUIS.

Hadena consanguis, Guén , Noct. ii, p. 97, 810*.
———— Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).
Apamea undicilia, Walker, *loc. cit.*, ix, p. 251, (1856).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
Apamea consanguis, Moore, Lep. Ceyl. iii, p. 28, (1884).

Collection Swinhoe, Umballa. Solun, Sikkim.

Also recorded from Central India and Ceylon.

2051. APAMEA CUPRINA.

Apamea cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 2.
———— Descr. Ind. Lep. Atk. ii, p. 107, (1882).

Sikkim.

Allied to *A. leucostigma*.

2052. APAMEA DENTICULOSA.

Apamea denticulosa, Moore, Descr. Ind. Lep. Atk. ii, p. 109, pl. 4, fig. 13, (1882).

Sikkim.

2053. Apamea flavistigma.

Xylophasia flavistigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 50.
Bengal.

2054. Apamea latifasciata.

Apamea latifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.
Collection Swinhoe, Kulu.
Also recorded from Manpuri.

2055. Apamea leucostigma.

Xylophasia leucostigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 51.
Bengal.

2056. Apamea mucronata.

Apamea mucronata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 8.
——————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.
I. M., Kulu (Young).
Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.
Also recorded from Sikkim.
Allied to *A. consanguis*.

2057. Apamea nubila.

Apamea nubila, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 10.
——————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).
Sikkim.

2058. Apamea obliquiorbis.

Apamea obliquiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882).
Sikkim.
Allied to *A. flavistigma*.

2059. Apamea pannosa.

Apamea pannosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.
——————— Lep. Ceyl. iii, p. 27, pl. 147, fig. 1, (1884).
Collection Swinhoe, Ceylon.
Also recorded from the Nilgiri Hills.

2060. Apamea selecta.

Xylophasia selecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 646, (1865).
India.

2061. Apamea sikkima.

Apamea sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882).
Sikkim.

2062. Apamea strigidisca.

Apamea strigidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 9.
——————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).

Sikkim.

2063. Apamea viriata.

Apamea viriata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.

Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.
Closely allied to *A. latifasciata*.

Genus **Motama**.

2064. Motama aurata.

Motama aurata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 10, (1882).

Sikkim.

2065. Motama cidarioides.

Motama cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 9, (1882).

Sikkim.

2066. Motama decorata.

Motama decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 11, (1882).

Sikkim.

Genus **Mamestra**.

2067. Mamestra albiflexura.

Mamestra albiflexura, Walker, Cat. Lep. Het. B. M., xi, p. 726, (1857).

India.

2068. Mamestra albirena.

Mamestra albirena, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Calcutta, Sikkim.

2069. Mamestra brassicæ.

Phalæna (*Noctua*) *brassicæ*, Linn., Syst. Nat. i, 5, p. 2542, No. 163, (1788-93).
——————— Faun. Suec. p. 319, No. 1205, (1761).
Noctua brassicæ, Wien., Verz. 81, 21*.
——————— Fabr., Ent. Syst. iii, 2, p. 67, No. 189, (1794).
——————— Bork., Eur. Schmett iv, 584, 242*.
——————— Steph., Ins. ii, pl. 1*.
——————— Esp., Schmett, iv, pl. 159, figs. 1-6*.
——————— Hübn., Eur. Schmett Noct., pl. 18, fig. 88*.
——————— Haw., Lep. Brit. 191*.

MAMESTRA BRASSICÆ—*continued.*

Mamestra brassicæ, Treit., Schmett v, 2, 150, 9*.
——————— Dup., Hist. Nat. Lep. Fr. vii, 149, pl. 102, fig. 5*.
——————— Steph., Ill. Brit. Ent. Haust. ii, 194*.
——————— Westw. & H. Brit., Moths i, 174, pl. 36, figs. 8, 9.*
——————— Guén., Noct. i, 198, 314.
Hadena brassicæ, Boisd., Ind. Meth., p. 118, No. 915, (1840).
Polia brassicæ, Herr, Schäff. Eur. Schmett ii, 270, 269*.
Noctua (*Mamestra*) *brassicæ*, Meig., Handb. 166, 45.*
——————— Syst. Besch. iii, 140, 106, pl. 104, fig. 11*.
Barathra brassicæ, Hübn., Verz. Bek. Schmett, p. 218, No. 2184, (1816).
Noctua albidilinea, Haw., Lep. Brit. 191*.
Mamestra albidilinea, Steph., Ill. Brit. Ent. Haust. ii, 195*.
Mamestra brassicæ, Walker, Cat. Lep. Het. B. M. ix, p. 230, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.

I. M., Prussia (exchange), Kulu (Young), Srinagar (2nd Yarkand Mission).
Collection Swinhoe, Solun, Kasauli, and Thundiani (Punjab).
Also recorded from Europe and Simla.

2070. MAMESTRA CANESCENS.

Mamestra canescens, Moore, Ann. Mag. N. H. (5), i, p. 233, (1878).

I. M., Type Moore (2nd Yarkand Mission).

2071. MAMESTRA CHALYBEATA.

Mamestra chalybeata, Walker, Cat. Lep. Het. B. M. xxxii, p. 665, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

I. M., Sikkim, N. Khasi Hills, Kulu (Young), Muddapore (Brooks).

2072. MAMESTRA CULTA.

Mamestra culta, Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Dalhousie.

2073. MAMESTRA DECORATA.

Mamestra decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 111, pl. iv, fig. 8, (1882).

Sikkim.

2074. MAMESTRA DOLOROSA.

Mamestra dolorosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451 and 1886, p. 443.

Collection Swinhoe, Solun, Mhow, Satara, Poona, Nilgiri Hills.
Also recorded from Ceylon.

2075. MAMESTRA INFAUSTA.

Mamestra infausta, Walker, Cat. Lep. Het. B. M., ix, p. 237, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Collection Swinhoe, Sikkim, Solun, Thundiani.
Also recorded from Sylhet.

2076. Mamestra metallica.

Mamestra metallica, Walker, Cat. Lep. Het. B. M. xxxii, p. 666, (1865) and xxxv, p. 1957, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

I. M., Sikkim.

2077. Mamestra nigrocuprea.

Mamestra nigrocuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Bengal.

2078. Mamestra opposita.

Mamestra opposita, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).
——————— Moore, Lep. Ceyl. iii, p. 24, (1884).

Collection Swinhoe, Solun.
Also recorded from Ceylon and South India.

2079. Mamestra sikkima.

Mamestra sikkima, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1957, (1866).

Collection Swinhoe, Sikkim.

2080. Mamestra stoliczkæ.

Mamestra stoliczkæ, Felder & R. Reise, Novara Lep., pl. 109, fig. 32, (1864-75).
——————— Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Darjiling.
Also recorded for Dalhousie, Sind, Cashmir.
Allied to *M. serratilinea* of Europe.

2081. Mamestra suffusa.

Mamestra suffusa, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Bengal.

2082. Mamestra renalba.

Mamestra renalba, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882).

Sikkim.

Genus **Prospalta**.

2083. Prospalta albomaculata.

Mamestra albomaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1957, (1866).

I. M., Kulu (Young), Sikkim.

2084. PROSPALTA LEUCOSPILA.

Prospalta leucospila, Walker, Cat. Lep. Het. B. M. xiii, p. 1114, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Sikkim.
Allied to *P. stellata*.

2085. PROSPALTA STELLATA.

Prospalta stellata, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882).
Sikkim.
Allied to *P. leucospila* and *P. albomaculata*.

Genus **Ilattia**.

2086. ILATTIA APICALIS.

Ilattia apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882).
Sikkim.

2087. ILATTIA CALAMISTRATA.

Ilattia calamistrata, Moore, Proc. Zool. Soc. Lond. 1881, p. 348.
Khasi Hills.

2088. ILATTIA CEPHUSALIS.

Ilattia cephusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 209, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 604.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
——————— Moore, Lep. Ceyl. iii, p. 27, pl. 146, figs. 4, 4*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 451; and 1886, p. 443.
Amyna cephusalis, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
Miana inornata, Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865).
Perigea leucospila, Walker, *loc. cit.* xxxii, p. 683.

Collection Swinhoe, Mhow, Karachi, Solun, Bombay, Poona, Nilgiri Hills.
I. M., Karachi, Poona and Bombay (Swinhoe).
Also recorded from Ceylon, the Andaman Islands, and China.

2089. ILATTIA CERVINA.

Ilattia cervina, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 12.
——————— Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2090. ILATTIA CUPREIPENNIS.

Ilattia cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882).
Collection Swinhoe, Sikkim.
Allied to *I. cephusalis*.

2091. ILATTIA MONILIS.

Ilattia monilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 11.
——————— Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2092. Ilattia renalis.

Ilattia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 113, (1882).

Sikkim.

Allied to *I. apicalis*.

Genus **Chandata.**

2093. Chandata partita.

Chandata partita, Moore, Descr. Ind. Lep. Atk. ii, p. 114, pl. 4, fig. 16, (1882).

Sikkim.

Genus **Luperina.**

2094. Luperina lagenifera.

Luperina lagenifera, Moore, Descr. Ind. Lep. Atk. ii, 114, (1882).

Sikkim.

2095. Luperina olivascens.

Luperina olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 114, (1882).

Sikkim.

2096. Luperina pardaria.

Luperina pardaria, Moore, Lep. Atk. ii, p. 114, pl. 4, fig. 12, (1882).

Sikkim.

Genus **Pachætra.**

2097. Pachætra heterocampa.

Pachætra heterocampa, Moore, Descr. Ind. Lep. Atk. ii, p. 115, pl. 4, fig. 15, (1882).

Sikkim.

Genus **Perigea.**

2098. Perigea apameoides.

Perigea apameoides, Guén., Noct. i, p. 229*.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

S. Andaman Islands, Calcutta.

2099. Perigea centralis.

Perigea centralis, Walker, Cat. Lep. Het. B. M. xi, p. 734, (1857).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 410.
——————— Moore, Lep. Ceyl. iii, p. 2*, pl. 147, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885. p. 451; and 1886, p. 443.
Celæna serva, Walker, *loc. cit.* xv, p. 1689, (1858).
Perigea serva, Butler, Proc. Zool. Soc. Lond. 1883. p. 159.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and p. 443*.
Perigea illecta, Walker, *loc. cit.*, xxxii, p. 684, (1865).

PERIGEA CENTRALIS—*continued.*

Perigea canorufa, Walker, *loc. cit.*, xxxii, p. 683, (1865).
Hadena spargens, Walker, *loc. cit.*, xxxiii, p. 739, (1865).
Hadena taprobanæ, Felder & R. Reise, Novara Lep., pl. 110, fig. 3, (1864-75).

I. M., Sikkim (Swinhoe), Kulu (Young), Sibsagar (Peal).
Collection Swinhoe, Solun, Sikkim, Mhow, Poona, Bombay, Nilgiri Hills.
Also recorded from Ceylon and the Andaman Islands.

2100. PERIGEA GALAXIA.

Perigea galaxia, Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
Collection Swinhoe, Solun, Mandi, Sikkim.

2101. PERIGEA SIKKIMENSIS.

Celæna sikkimensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38' fig. 16.
———— Descr. Ind. Lep. Atk. ii, p. 113, (1882).

Sikkim.

2102. PERIGEA SUPPLEX.

Perigea supplex, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 452.
Collection Swinhoe, Poona, Bombay.
Allied to *P. centralis*.

2103. PERIGEA TRICYCLA.

Perigea tricycla, Guén., Noct. i, p. 226, 359*.
———— Walker, Cat. Lep. Het. B. M., x, p. 275, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Sylhet.

Genus **Amyna.**

2104. AMYNA SELENAMPHA.

Amyna selenampha, Guén., Noct. i, p. 406*.
———— Walker, Cat. Lep. Het. B. M., x, p. 300, (1856); and xv, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 53; 1877, p. 604.
———— Lep. Ceyl. iii, p. 30, pl. 147, figs. 3, 3*a*, (1884).
Alamis spoliata, Walker, *loc. cit.*, xiii, p. 1050, (1857).
Hadena latipennis, Walker, *loc. cit.* xxxiii, p. 738, (1865).

I. M., Buxa (Moti Ram), Ceylon (Colombo Museum), Sikkim (Swinhoe), Cachar (Wood-Mason), Sibsagar (Peal), Ranchi (Irvine).
Collection Swinhoe, Sikkim, Solun, Ceylon, Buxar, Bhootan, Nilgiri Hills.
Also recorded from Andaman Islands, Manilla, and China.

Genus **Caradrina.**

2105. CARADRINA ARENACEA.

Caradrina arenacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 349.
——————— Descr. Ind. Lep. Atk. ii, p. 115, (1882).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

I. M., Kulu (Young), Umballa (Swinhoe).
Collection Swinhoe, Umballa, Sikkim, Kulu, Solun.
Also recorded from Mussoorie.

2106. CARADRINA BELUCHA.

Caradrina belucha, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9, fig. 2.

Collection Swinhoe, Quetta.
Allied to *C. insignata*.

2107. CARADRINA BREMUSA.

Caradrina bremusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona.

2108. CARADRINA CUBICULARIS.

Noctua cubicularis, Wein., Verz. 726*.
——————— Bork., Eur. Schmett. iv, 212, 97*.
——————— Hübn., Samml. Eur. Schmett Noct., pl. 89, fig. 417*.
——————— Dup., Hist. Nat. Lep. Fr. vi, pl. 76, fig. 1*.
Noctua quadripunctata, Fabr., Sp. Ins. ii, p. 214, No. 25, (1781).
——————— Mant. Ins. ii, p. 139, No. 35, (1787).
——————— Ent. Syst iii, 2, p. 22, No. 46, (1794).
Phalæna quadripunctata, Linn., Syst. Nat. i, 5, p. 2535, No. 1003, (1788-93).
Noctua segetum, Esp., Schmett iv, pl. 150, figs. 4, 5*.
Athetis cubicularis, Hübn., Verz. Bek. Schmett, p. 209, No. 2091, (1816).
Caradrina cubicularis, Herr Schäffer, Eur. Schmett. 209, 87*.
——————— Westw. & H. Brit., Moths. i, 145, pl. 29, fig. 15*.
——————— Walker, Cat. Lep. Het. B. M., x, p. 291, (1856), and xi, p. 735, (1857).
——————— Buckler, Entomologist, ii, p. 205, (1865).
——————— Ent. M. Mag. i, p. 213, (1865).

Europe, India.

2109. CARADRINA DELECTA.

Caradrina delecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 349, pl. 38, fig. 15.
——————— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.
Allied to C. *kadeni* of Europe.

2110. CARADRINA DEROGATA.

Caradrina derogata, Walker, Cat. Lep. Het. B. M., xi, p. 687, (1857).

India.

2111. CARADRINA HÜGELI.

Caradrina hügeli, Felder & R. Reise, Novara Lep., pl. 109, fig. 13, (1864-75).

Natal, Bengal.

2112. CARADRINA INSIGNATA.

Caradrina insignata, Walker, Cat. Lep. Het. B. M., x, p. 295, (1856).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; and 1885, p. 451.

Collection Swinhoe, Karachi, Solun, Poona.
Also recorded from South Africa.

2113. CARADRINA PAUCIFERA.

Caradrina paucifera, Walker, Cat. Lep. Het. B. M., x, p. 298, (1856).
India.

2114. CARADRINA SABULOSA.

Caradrina sabulosa, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, pl. 47, fig. 6.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 379.

Collection Swinhoe, Karachi, and Campbellpore.

2115. CARADRINA VENOSA.

Caradrina venosa, Butler, Ent. M. M. xvii, p. 7, (1880).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516.

Karachi.
Also recorded from Honolulu.

Genus **Dadica.**

2116. DADICA LINEOSA.

Dadica lineosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 349.
Punjab Hills.

Genus **Spodoptera.**

2117. SPODOPTERA CILIUM.

Spodoptera cilium, Guén., Noct. i, p. 156, (1852).*
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877, p. 604.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and 1886, p. 444.
——————— Trans. Ent. Soc. Lond. 1885, p. 347.
Spodoptera insula, Walker, Cat. Lep. Het. B. M. xxxii, p. 648, (1865).

I. M., Andaman Islands, Karachi (Swinhoe).
Collection Swinhoe, Karachi, Umballa, Solun, Mhow, Bombay, Poona.
Also recorded from Quetta, Dubrai, and Java.

Genus **Prodenia.**

2118. PRODENIA APERTURA.

Prodenia apertura, Walker, Cat. Lep. Het. B M. xxxii, p. 654, (1865).
———————— Moore, Lep. Ceyl. iii, p. 20, (1884).

Ceylon.
Possibly the female of *P. littoralis*.

2119. PRODENIA CARADRINOIDES.

Laphygma (?) caradrinoides, Walker, Cat. Lep. Het. B. M. ix, p. 190, (1856).
Prodenia caradrinoides, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Campbellpore.
Also recorded from South Africa.

2120. PRODENIA LITTORALIS.

Hadena littoralis, Boisd., Faun. Ent. Madag. Lep., p. 91, pl. 13, fig. 8, (1834).*
———————— Moore, Lep. Ceyl. iii, p. 19, pl. 146, figs. 1, 1*a*, 1*b*, (1884).
Neuria retina, Freyer, Beitr. Schmett v, p. 161, pl. 478, figs. 2, 3, (1846).*
———————— Herr Schäff., Eur. Schmett ii, p. 292, pl. 29, figs. 144 and 145.*
Prodenia retina, Guén., Noct. i, p. 163, (1852).*
———————— Walker, Cat. Lep. Het. B. M. ix, p. 192, (1856).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 410.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450; and 1886, p. 443.
Prodenia ciligera, Guén., Noct., p. 164, (1852).*
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877, p. 604.
Prodenia testaceoides, Guén., Noct., p. 165, pl. 6, fig. 7, (1852).*
———————— Walker, *loc. cit.*, p. 195, (1856).
Prodenia glaucistriga, Walker, *loc. cit.*, p. 197, (1856).
———————— Swinhoe, Proc. Zool Soc. Lond. 1885, p. 450.
———————— Butler, Ill. Typ. Lep. Het. vi, p. 34, pl. 109, fig. 9, (1886).
Prodenia subterminalis, Walker, *loc. cit.*, p. 196, (1856).
Prodenia declinata, Walker, *loc. cit.*, xi, p. 723, (1857).

I. M., Calcutta, Andaman Islands (purchased), Kulu (Young), Cachar (Wood-Mason), Nicobar Islands (De Niceville), Sibsagar, Shillong.
Collection Swinhoe, Kasauli, Poona, Bombay, Hydrabad (Sind), Mhow.
Also recorded from Europe, Africa, Madagascar, Madeira, Asia Minor, Ceylon, Formosa, Mauritius.

2121. PRODENIA NUBES.

Spodoptera nubes, Guén., Noct. i, p. 155, (1852).*
———————— Walker, Cat. Lep. Het. B. M. ix, p. 186, (1856); xxxii, p. 647, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1877, p. 604.
Spodoptera filium, Guén., Noct. 155, (1852).*
Prodenia infecta, Walker, *loc. cit.* ix, p. 196, (1856).

PRODENIA NUBES—*continued.*

Prodenia infecta Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 33, pl. 109, fig. 8, (1886).
Prodenia insignata, Walker, *loc. cit.* ix, p. 197, (1856).
Agrotis transducta, Walker, *loc. cit.* x, p. 344, (1856).
Laphygma squalida, Walker, *loc. cit.* xxxii, p. 652, (1865).
Prodenia venustula, Walker, *loc. cit.*, p. 654, (1865).
Agrotis submarginalis, Walker, *loc. cit.*, p. 699, (1865).
Prodenia permunda, Walker, *loc. cit.* xi, p. 723, (1857).
Laphygma infecta, Butler, Proc. Zool Soc. Lond. 1883, p. 158.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.
Prodenia nubes, Moore, Lep. Ceyl. iii, p. 19, (1884).
Spodoptera infecta, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444.

I. M., Bombay (Swinhoe), Sibsagar (Peal).
Collection Swinhoe, Kasauli, Bombay, Poona, Umballa, Mhow, Karachi, Ceylon.
Also recorded from Java, Otaheite, Andaman Islands, Formosa, Siam.

2122. LAPHYGMA EXIGUA.

Noctua exigua, Hübn., Samml. Eur. Schmett Noct., fig. 362.*
Telmia exigua, Hübn., Verz. Bek. Schmett, p. 228, No. 2286, (1816).
Caradrina exigua, Treit., Schmett Eur. ii, 254, Suppl. x, 81.*
——————— Dup., Hist. Nat. Lep. France, iii, 45, pl. 75.*
——————— Boisd., Ind. Meth., p. 138, No. 1112, (1840).
——————— Guén., Ann. Soc. Ent. France, vi, p. 345, (1837).
——————— Herr Schäffer, Eur. Schmett, ii, 212, 99.*
——————— Noct. ii, pl. 66, fig. 44.*
Laphygma exigua, Guén., Noct. i, 158, 252.*
——————— Walker, Cat. Lep. Het. B. M. ix, p. 188, (1856).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 450; and 1886, p. 443.

I. M., Karachi (Swinhoe), Kulu (Young).
Collection Swinhoe, Poona, Bombay, Mhow, Karachi, Quetta, Solun, Sabathu.
Also recorded from Europe.

2123. LAPHYGMA OBSTANS.

Laphygma obstans, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865).
——————— Moore, Lep. Ceyl. iii, p. 17, (1884).

Ceylon.

2124. LAPHYGMA TRAJICIENS.

Laphygma trajiciens, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865).
——————— Moore, Lep. Ceyl. iii, p. 18, (1884).

Ceylon.

Genus **Acosmetia.**

2125. ACOSMETIA NEBULOSA.

Acosmetia nebulosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 350, pl. 38, fig. 13.
——————— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.

2126. Acosmetia nigrescens.

Acosmetia nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
Bombay.

Genus **Ozarba.**

2127. Ozarba itwarra.

Ozarba itwarra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 14.
Collection Swinhoe, Poona, Karachi.

2128. Ozarba mallarba.

Ozarba mallarba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 3.
Collection Swinhoe, Poona.

2129. Ozarba punctigera.

Ozarba punctigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 685, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452.
Collection Swinhoe, Satara, Poona, Bombay.
Also recorded from China and Australia.

Genus **Oxira.**

2130. Oxira ochracea.

Oxira ochracea, Walker, Cat. Lep. Het. B. M. xxxii, p. 657, (1865).
——————— Moore, Lep. Ceyl. iii, p. 23, (1884).
Ceylon.

Genus **Hydræcia.**

2131. Hydræcia khasiana.

Hydræcia khasiana, Moore, Proc. Zool. Soc. Lond. 1881, p. 342, pl. 37, fig. 5.
——————— Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Khasi Hills.
Allied to *H. petasitis* of Great Britain.

2132. Hydræcia lampadifera.

Hydræcia lampadifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 643, (1865).
——————— Moore, Lep. Ceyl. iii, p. 15, (1884).
Ceylon.

2133. Hydræcia naxiaoides.

Hydræcia naxiaoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
Bengal.

2134. Hydræcia tibetana.

Hydræcia tibetana, Moore, Ann. Mag. N. H. (5), i, p. 232, (1878).
Ladak.

Genus **Hydrilla.**

2135. HYDRILLA DENTICULOSA.

Miana denticulosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 676, (1865).
Hydrilla denticulosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona, Bombay.
Also recorded from S. India.

2136. HYDRILLA HONESTA.

Miana honesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865).

South India.

Genus **Calogramma.**

2137. CALOGRAMMA FESTIVA.

Noctua festiva, Donov., Epit. Ins. New-Holl. (1805).*
Polia picta, Boisd., Voy. de l'Astrolabe, pt. 1, Lep., p. 241, (1832)*.
——— Guén., Noct. i, p. 166.*
Noctua picta, Guén. Voy. de la Coquille ii, p. 285, pl. 19, fig. 7*.
Calogramma picta, Guén., Noct. i, p. 166, 263*.
Calogramma festiva, Walker, Cat. Lep. Het. B. M., ix, p. 198, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
——— Lep. Ceyl. iii, p. 21, pl. 146, fig. 6, (1884).

Bengal, Ceylon, Australia.

Genus **Rhizogramma.**

2138. RHIZOGRAMMA INDICA.

Xylophasia indica, Walker, Cat. Lep. Het. B. M., xxxii, p. 647, (1865).

I. M., Kulu (Young).
Collection Swinhoe, Solun.

2139. RHIZOGRAMMA INEXTRICATA.

Rhizogramma inextricata, Moore, Proc. Zool. Soc. Lond. 1881, p. 342.
——— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

I. M., Kulu (Young).
Collection Swinhoe, Solun, Nilgiri Hills.
Allied to *R. indica*, and to the European *R. petrorhiza*.
Also recorded from Dalhousie.

2140. RHIZOGRAMMA UNILINEA.

Rhizogramma unilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 7.

Poona.

Genus **Chiripha.**

2141. CHIRIPHA INVOLUTA.

Chiripha involuta, Walker, Cat. Lep. Het. B. M., x, p. 201, (1856).

Collection Swinhoe, Kasauli.

Genus Neuria.

2142. NEURIA DISCREPANS.

Heliophobus discrepans, Walker, Cat. Lep. Het. B. M., xxxii, p. 655, (1865).
Neuria discrepans, Moore, Lep. Ceyl. iii, p. 22, (1884).
Ceylon.

2143. NEURIA DISSECTA.

Heliophobus dissectus, Walker, Cat. Lep. Het. B. M., xxxii, p. 656, (1865).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
Neuria dissecta, Moore, Lep. Ceyl. iii, p. 22, pl. 146, fig. 7, (1884).
Collection Swinhoe, Ceylon.
Also recorded from Bengal.

2144. NEURIA INCISA.

Neuria incisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Collection Swinhoe, Simla, Sikkim.
Also recorded from Umballa, Dalhousie, and Solun.

2145. NEURIA RETRAHENS.

Hadena retrahens, Walker, Cat. Lep. Het. B.M., xi, p. 757, (1857); and xxxiii, p. 727, (1865).
Neuria retrahens, Moore, Lep. Ceyl. iii, p. 21, (1884).
Ceylon.

2146. NEURIA SEPARATA.

Neuria separata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882).
Sikkim.
Allied to *N. saponariæ* of Europe.

2147. NEURIA SIMILLIMA.

Neuria similima, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.
Collection Swinhoe, Solun.

2148. NEURIA SIMULATA.

Neuria simulata, Moore, Proc. Zool. Soc. Lond. 1881, p. 343, pl. 38, fig. 1.
——— Descr. Ind. Lep. Atk., ii, p. 107, (1882).
Sikkim.
Allied to *N. separata*.

Genus Gortyna.

2149. GORTYNA CUPREA.

Gortyna cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 50, pl. 6, fig. 8.
Sikkim.

Family PLUSIIDÆ.

Genus **Westermannia.**

2150. Westermannia superba.

Westermannia superba, Hübn., Samml. Exot., Schmett ii, 23, 162, figs. 323, 324, (1823).*
——————— Verz. Bek. Schmett, p. 250, No. 2470, (1816).
——————— Walker, Cat. Lep. Het. B. M., xii, p. 975, (1857).
——————— Moore, Lep. Ceyl. iii, p. 80, pl. 154, figs. 1, 1*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Plusiodes westermannii, Guén., Noct. ii, 386, 1247.*

Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from Java and Ceylon.

2151. Westermannia triangularis.

Westermannia triangularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

I. M., Sibsagar (Peal).
Collection Swinhoe, Andaman Islands.

Genus **Nagasena.**

2152. Nagasena albescens.

Nagasena albescens, Moore, Descr. Ind. Lep. Atk. ii, p. 152, (1882).

Sikkim.

Genus **Plusia.**

2153. Plusia agramma.

Plusia agramma, Guén., Noct. ii, 327, 1136.*
——————— Walker, Cat. Lep. Het., xii, p. 926, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
——————— Lep. Ceyl. iii, p. 72, pl. 152, figs. 3, 3*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Plusia inchoata, Walker, *loc. cit.*, xxxiii, p. 841, (1865).

Collection Swinhoe, Bombay, Ceylon.
Also recorded from Java and Australia.

2154. Plusia argyrosigna.

Plusia argyrosigna, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).

Cashmir, Dalhousie.
Allied to *P. iota* and to *P. quinqueaureum* of Europe.

2155. Plusia chrysitina.

Phalæna (*Noctua*) *chrysitina*, Martyn, Psyche, pl. 21, (1797).*
Noctua aurifera, Hübn., Eur. Schmett. Noct., pl. 98, fig. 463.*
——————— Dup., Lep. Fr. vii, 24, pl. 134.*
Diachrysia aurifera, Hübn., Verz. Bek. Schmett, p. 252, No. 2494, (1816).

PLUSIA CHRYSITINA—*continued.*

Plusia aurifera, Treit., Schmett. iii, 168, 14.*
———— Meig., Syst. Beesch. iii, 251, 6, pl. 121, fig. 10.*
———— Guén., Noct. ii, 335, 1153.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 892, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
Plusia chrysitina, Moore, Lep. Ceyl. iii, p. 70, pl. 152, fig. 7, (1884).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14, figs. 13, 13*a*.

I. M., Sikkim, Kulu (Young), Calcutta, Shillong, Sibsagar, (Peal), Ootacamund (Davison), North Khasi Hills, Darbhanga (Maries).
Collection Swinhoe, Kasauli, Sikkim, Simla, Quetta, Mhow.
Also recorded from S. Europe, Africa, Madagascar, Bourbon, Mauritius, Java, Ceylon.

2156. PLUSIA CILIARIS.

Plusia ciliaris, Walker, Cat. Lep. Het. B. M., xii, p. 928, (1857).
———— Butler, Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 5, (1886).

Nepal.

2157. PLUSIA CIRCUMFLEXA.

Phalæna (*Noctua*) *circumflexa*, Linn., Syst. Nat., p. 844, No. 128, (1767).
Noctua circumflexa, Haw., Lep. Brit. 8.*
Noctua daubei, Frey. (*nec* Boisd)., Beitr. iii, pl. 256, fig. 2.*
Plusia circumflexa, Guén., Noct. iii, p. 352, 1185.*
———— Walker, Cat. Lep. Het. B. M. xii, p. 900, (1857).
———— Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
———— Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Candahar, Mhow, Nilgiri Hills.
Also recorded from Europe.

2158. PLUSIA CONFUSA.

Plusia confusa, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Sikkim.

2159. PLUSIA DAUBEI.

Plusia daubei, Boisd., Ind. Meth., p. 159, No. 1281, (1840).
———— Dup., Suppl. iii, p. 486, pl. 42, fig. 1.*
———— Herr Schäffer, Schmett, Eur. ii, pl. 41, fig. 206.*
———— Guén., Noct. ii, 351, 1184.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 900, (1857).

I. M., Kulu (Young).
Also recorded from South Europe and Senegal.

2160. PLUSIA DISPELLENS.

Plusia dispellens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 838, (1865).
———— Moore, Lep. Ceyl. iii, p. 73, (1884).

Ceylon.

2161. PLUSIA EXTRAHENS.

Plusia extrahens, Walker, Cat. Lep. Het. B. M., xii, p. 929, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; 1885, p. 458; and 1886, p. 447.
———— Trans. Ent. Soc. Lond. 1885, p. 351.

I. M., Karachi (Swinhoe).
Collection Swinhoe, Mhow, Bombay, Poona, Khizdar, Karachi, Quetta.

2162. PLUSIA IMPULSA.

Plusia impulsa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 838, (1865).
———— Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2163. PLUSIA INTEGRA.

Plusia integra, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).

India.

2164. PLUSIA LECTULA.

Prodenia lectula, Walker, Cat. Lep. Het. B. M., xv, p. 1679, (1858); and xxxii, p. 654, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
Plusia lectula, Moore, Lep. Ceyl. iii, p. 73, pl. 146, fig. 2, (1884).
Plusia kalitura, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 24, (1864-75).

Bengal, Canara, Ceylon.

2165. PLUSIA LIMBIRENA.

Plusia limbirena, Guen. Noct. ii, p. 350, No. 1179*.
———— Walker, Cat. Lep. Het. B. M. xii, p. 921, (1857).
———— Moore, Lep. Ceyl. iii, p. 72, pl. 152, fig. 5, (1884).

Ceylon, Madagascar, S. Africa, St. Helena.

2166. PLUSIA MUTANS.

Plusia mutans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).
———— Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2167. PLUSIA NIGRILUNA.

Plusia nigriluna, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).
———— Moore, Lep. Ceyl. iii, p. 70, pl. 152, figs. 2, 2*a* larva, (1884).

Ceylon.

2168. PLUSIA NIGRISIGNA.

Plusia nigrisigna, Walker, Cat. Lep. Het. B. M., xxxiii, p. 928, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
———— Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 4, (1886).

I. M., Kulu (Young).
Collection Swinhoe, Kasauli, Sikkim.
Also recorded from Umballa, Solun.

2169. Plusia obtusisigna.

Plusia obtusisigna, Walker, Cat. Lep. Het. B. M., xii, p. 930, (1857).
———— Moore, Lep. Ceyl. 3, p. 71, pl. 152, figs. 1, 1*a* larva, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Collection Swinhoe, Poona.
Also recorded from Ceylon.

2170. Plusia ochreata.

Plusia ochreata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).
———— Moore, Lep. Ceyl. iii, p. 72, pl. 151, fig. 4, (1884).

Collection Swinhoe, Solun.
Also recorded from Ceylon.

2171. Plusia ornatissima.

Plusia ornatissima, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Tokei.
Also recorded from India and China.

2172. Plusia pannosa.

Plusia pannosa, Moore, Descr. Lep. Atk. ii, p. 149, (1882).

Sikkim, Khasi Hills.

2173. Plusia permissa.

Plusia permissa, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858).

Canara.

2174. Plusia placida.

Plusia placida, Moore, Lep. Ceyl. iii, p. 73, pl. 151, fig. 10, (1884).

Ceylon.

2175. Plusia reticulata.

Plusia reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.

2176. Plusia semivitta.

Plusia semivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 63, pl. 6, fig. 13.

Collection Swinhoe, Sikkim.

2177. Plusia signata.

Noctua signata, Fabr., Ent. Syst. iii, 2, p. 81, (1794).
Plusia signata, Guén., Noct. ii, p. 345, (1852)*.
————Walker, Cat. Lep. Het. B. M. xii, p. 926, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
————Lep. Ceyl. iii, p. 71, pl. 152, fig. 4, (1884).

PLUSIA SIGNATA—*continued.*

Plusia signata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p 458.
Plusia furcifera, Walker, Cat. Lep. Het. B. M. xii, p. 927, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Solun, Sikkim, Poona.
Also recorded from Ceylon, Java.

2178. PLUSIA SIGNIFICANS.

Plusia significans, Walker, Cat. Lep. Het., B. M., xii, p. 930, (1857).
Punjab.

2179. PLUSIA TETRAGONA.

Plusia tetragona, Walker, Cat. Lep. Het. B. M., xii, p. 932, (1857).
India.

2180. PLUSIA VERTICILLATA.

Plusia verticillata, Guén., Noct. ii, p. 344, (1852).*
————Walker, Cat. Lep. Het. B. M. xii, p. 923, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
————Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
————Moore Lep. Ceyl. iii, p. 70, pl. 152, fig. 6, (1884).
————Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; 1885, p. 457; and 1886, p. 447.

I. M., Sikkim (Barnes), Calcutta, Kulu (Young), Ceylon (Colombo Museum), Nilgiri Hills (Swinhoe); Buxa (Moti Ram).
Collection Swinhoe, Kasauli, Karachi, Mhow, Ahmednagar, Poona, Bombay, Campbellpore.
Also recorded from Java, China, Australia, S. Africa.

Genus **Plusiodonta.**

2181. PLUSIODONTA AURIPICTA.

Plusiodonta auripicta, Moore, Descr. Ind. Lep. Atk. ii, p. 150, (1882).
Sikkim, Cherrapunji.

2182. PLUSIODONTA CHALSYTOIDES.

Plusiodonta chalsytoides, Guén., Noct. ii, p. 360, 1201.*
———— Walker, Cat. Lep. Het., xii, p. 937, (1857); and xxxiii, p. 841, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
———— Lep. Ceyl. iii, p. 75, pl. 153, figs. 1, 1*a*, (1884).
Deva conducens, Walker, Cat. Lep. Het. B. M., xii, p. 963, (1857).
Plusiodonta conducens, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Plusia agens, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 32, (1864-75).

Collection Swinhoe, Bombay.
Also recorded from Calcutta, Andaman Islands, Java, Ceylon.

2183. PLUSIODONTA COMPRESSIPALPIS.

Plusiodonta compressipalpis, Guén., Noct. ii, 359, 1200.*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 938, (1857).

India.

Genus **Abrostola.**

2184. ABROSTOLA ANOPHIOIDES.

Abrostola anophioides, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.
Allied to *A. asclepiadis* of Europe.

2185. ABROSTOLA TRANSFIXA.

Abrostola transfixa, Walker, Cat. Lep. Het. B. M. xii, p. 884, (1857); and xv, p. 1783, (1858).
——————— Moore, Lep. Ceyl. iii, p. 69, (1884).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon and Australia.

Genus **Euchalcia.**

2186. EUCHALCIA CASHMIRENSIS.

Euchalcia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.
——————— Descr. Ind. Lep. Atk. ii, p. 150, (1882).

Sind, Cashmir.
Allied to *E. uralensis* and *E. modesta*.

Genus **Birtha.**

2187. BIRTHA INSULATA.

Birtha insulata, Walker, Cat. Lep. Het. xxxiii, p. 976, (1865).
——————— Moore, Lep. Ceyl. iii, p. 75, (1884).

Ceylon.

Genus **Phanaca.**

2188. PHANACA DAMNIPENNIS.

Phanaca damnipennis, Walker, Cat. Lep. Het. xxxiii, p. 857, (1865).

Ceylon.

FAMILY PALINDIDÆ.

Genus **Homodes.**

2189. HOMODES CROCEA.

Homodes crocea, Guén., Noct. ii, p. 280, pl. 11, fig. 2, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 852, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 605, pl. 60, fig. 3.
——————— Lep. Ceyl. iii, p. 59, pl. 151, fig. 11, (1884).
Homodes vivida, Guén., Noct. ii, p. 280, 1084.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 852, (1857).

Java, Andaman Islands, Ceylon, Bombay.

Family DIOPSIDÆ.

Genus **Anumeta.**

2190. Anumeta atrosignata.

Anumeta atrosignata, Walker, Cat. Lep. Het. B. M., xv, p. 1770, (1858).
North India.

Family EURHIPIDÆ.

Genus **Rhesala.**

2191. Rhesala imparata.

Rhesala imparata, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858).
Ceylon.

2192. Targalla bifacies.

Cryassa bifacies, Walker, Cat. Lep. Het. B. M., xv, p. 1745, (1858).
Targalla bifacies, Moore, Lep. Ceyl. iii, p. 64, pl. 151, figs. 5, 5*a*, (1884).
Collection Swinhoe, Ceylon.

2193. Targalla delatrix.

Penicillaria delatrix, Guén., Noct. ii, p. 304, No. 1112, (1852).*
———— Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
Targalla delatrix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Solun, Poona, Alibagh.
Also recorded from Java.

2194. Targalla infida.

Targalla infida, Walker, Cat. Lep. Het. B. M. xiii, p. 1008, (1857).
———— Moore, Lep. Ceyl. iii, p. 63, pl. 151, figs. 6, 6*a*, (1884).
Penicillaria ludatrix, Walker, *loc. cit.* xv, p. 1773, (1858).
Ceylon, India.

2195. Targalla repleta.

Eutelia repleta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 821, (1865).
Targalla repleta, Moore, Lep. Ceyl. iii, p. 64, (1884).
Eutelia impleta, Walker, *loc. cit.*, p. 822, (1865).
Eutelia plusioides, Walker, *loc. cit.*, p. 822, (1865).
Eurhipia prætexta, Felder & R. Reise, de Novara, Lep. iv, pl. 111, fig. 24, (1864-75).
S. India, Ceylon.
"Probably only a varietal form of *T. bifacies*," (Moore).

2196. Targalla resoluta.

Penicillaria resoluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 815, (1865).
Targalla resoluta, Moore, Lep. Ceyl. iii, p. 65, (1884).
Ceylon.

2197. TARGALLA SOLIDA.

Penicillaria solida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 814, (1865).
Targalla solida, Moore, Lep. Ceyl. iii, p. 63, (1884).

Ceylon.

Genus **Penicillaria.**

2198. PENICILLARIA EXCITANS.

Penicillaria excitans, Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Western India.

2199. PENICILLARIA JOCOSATRIX.

Penicillaria jocosatrix, Guén., Noct. ii, p. 304, (1852).*
——————— Walker. Cat. Lep. Het. B. M. xii, p. 871, (1857).
——————— Moore, Lep. Ceyl. iii, p. 62, pl. 151, figs. 8, 8*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Ranchi (Irvine).
Collection Swinhoe, Bombay, Poona.
Also recorded from Ceylon and Java.

2200. PENICILLARIA LINEATRIX.

Penicillaria lineatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1776, (1858); and xxxiii, p. 814, (1865).

Canara.

2201. PENICILLARIA NUGATRIX.

Penicillaria nugatrix, Guén., Noct. ii, 303, 1110, pl. 14, fig. 7, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 871, (1857).
——————— Moore, Lep. Ceyl. iii, p. 62, (1884).

Collection Swinhoe, South India.
I. M., Ceylon, North India.

Genus **Eutelia.**

2202. EUTELIA CINCTIPALPIS.

Eutelia cinctipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 820, (1865).
——————— Moore, Lep. Ceyl. iii, p. 66, (1884).

Ceylon.

2203. EUTELIA DISCISTRIGA.

Eutelia discistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 823, (1865).

Collection Swinhoe, Sholapore, Karachi.
Also recorded from South India.

2204. EUTELIA FAVILLATRIX.

Eutelia favillatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1778, (1858).
——————— Moore, Lep. Ceyl. iii, p. 66, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Bombay, Khandalla.
Also recorded from Ceylon.

2205. EUTELIA INEXTRICATA.

Eutelia inextricata, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Collection Swinhoe, Sikkim, Kulu.
Also recorded from Cherrapunji.

2206. EUTELIA SICCIFOLIA.

Eutelia siccifolia, Moore, Proc. Zool. Soc. Lond. 1881, p. 375.
——————— Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Sikkim.
Allied to *E. viridatrix*.

2207. EUTELIA VIRIDATRIX.

Eutelia viridatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858).
N. India.

Genus **Anuga.**

2208. ANUGA CONSTRICTA.

Anuga constricta, Guén., Noct. ii, p. 308, 1116.*
——————Walker, Cat. Lep. Het. B. M., xii, p. 874, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
India.

2209. ANUGA LUNULATA.

Anuga lunulata, Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Bengal.

Genus **Varnia.**

2210. VARNIA FENESTRATA.

Varnia fenestrata, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.
——————— Descr. Ind. Lep. Atk. ii, p. 148, (1882).
Sikkim.

2211. VARNIA IGNITA.

Varnia ignita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 825, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
——————— Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).
Pachythyris ignita, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 280, (1877).
I. M., Sikkim (purchased; also Barnes), Cachar (Wood-Mason), Ceylon (Mackwood).
Collection Swinhoe, Sylhet.

2212. VARNIA INÆQUALIS.

Varnia inæqualis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 828, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Sylhet.

2213. Varnia (?) incerta.

Varnia incerta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 829, (1865).
N. India.

2214. Varnia taprobana.

Varnia taprobana, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 7, (1884).
Ceylon.

Genus **Chlumetia.**

2215. Chlumetia alternans.

Chlumetia alternans, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Sikkim.

2216. Chlumetia egens.

Chlumetia egens, Moore, Lep. Ceyl. iii, p. 68, pl. 151, fig. 9, (1884).
Ceylon.

2217. Chlumetia transversa.

Nachaba transversa, Walker, Cat. Lep. Het. B. M. xxvii, p. 114, (1863).
Chlumetia guttiventris, Walker, *loc. cit.*, xxxiv, p. 1271 (1865).
Chlumetia transversa, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 3, (1884).
Ceylon.

Family ERIOPIDÆ.

Genus **Callopistria.**

2218. Callopistria duplicans.

Callopistria duplicans, Walker, Cat. Lep. Het. B. M., xii, p. 866, (1857).
India.

2219. Callopistria exotica.

Eriopus exotica, Guén., Noct. ii, p. 294, 1097, (1852).*
Callopistria exotica, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857); and xxxiii, p. 811, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877, p. 605.
——————— Lep. Ceyl. iii, p. 60, (1884).
Sikkim, Canara, Andaman Islands, Java.

2220. Callopistria recurvata.

Callopistria recurvata, Moore, Descr. Ind. Lep. Atk. ii, p. 144, (1882).
——————— Lep. Ceyl. iii, p. 60, pl. 151, fig. 1, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Solun, Bombay.
Also recorded from Sikkim, Calcutta, Ceylon.

2221. CALLOPISTRIA REPLETA.

Callopistria repleta, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857).
North India

2222. CALLOPISTRIA RIVULARIS.

Callopistria rivularis, Walker, Cat. Lep. Het. B. M., xii, p. 867, (1857).
Collection Swinhoe, Solun, Ceylon.

Genus **Perciana.**

2223. PERCIANA MARMOREA.

Perciana marmorea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 813, (1865).
India.

Genus **Phalga.**

2224. PHALGA SINUOSA.

Phalga sinuosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 375, pl. 37, fig. 7.
——————— Descr. Ind. Lep. Atk. ii, p. 145, (1882).
Sikkim.

Genus **Cotanda.**

2225. COTANDA PLACODOIDES.

Eriopus placodoides, Guén., Noct. ii, p. 296.*
Cotanda placodoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 374.
India, Java.

Genus **Methorasa.**

2226. METHORASA LATREILLEI.

Eriopus latreillei, Dup., Lep. France, Suppl. iv, p. 327, pl. 123, fig. 2.*
——————— Guén., Noct. ii, p. 296.*
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
Callopistria latreillei, Walker, Cat. Lep. Het. B. M. xii, p. 862, (1857).
Eriopus quieta, Treit., Schmett iii, p. 259, Suppl., p. 49.*
Methorasa latreillei, Moore, Proc. Zool. Soc. Lond. 1881, p. 374.
Collection Swinhoe, Simla.
Also recorded from Europe, Dharmsala.

2227. METHORASA THWAITESII.

Methorasa thwaitesii, Moore, Lep. Ceyl. iii, p. 61, pl. 151, fig. 2, (1884).
Ceylon.

Genus **Lugana.**

2228. LUGANA ANTENNATA.

Lugana antennata, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).
Sikkim.

2229. LUGANA RENALIS.

Lugana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).
Collection Swinhoe, Andaman Islands.
Allied to *L. antennata*.

Family HYBLÆIDÆ.

Genus Hyblæa.

2230. Hyblæa constellata.

Hyblæa constellata, Guén., Noct. ii, p. 391, 1251, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 980, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 81, pl. 154, figs. 3, 3*a*, (1888).
——————— Journ. As. Soc. Beng., vol. lv, pt. 2, p. 100, (1886).

I. M., Ceylon (Colombo Museum), Dunsiri, Sikkim (purchased; also Barnes), Sylhet, Naga Hills, Tavoy (Moti Ram), Sibsagar (Peal).
Collection Swinhoe, Sylhet, Ceylon.

2231. Hyblæa firmamentum.

Hyblæa firmamentum, Guén., Noct. ii, 392, 1253.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 981, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

I. M., Buxa (Moti Ram), Sikkim (Barnes; also purchased), Sibsagar (Peal).
Collection Swinhoe, Sylhet.
Also recorded from China.

2232. Hyblæa puera.

Phalæna puera, Cram., Pap. Exot., pl. 103, figs. D and E, (1777).
Noctua saga, Fabr., Mant. Ins. ii, p. 137, No. 29, (1787).
Hyblæa saga, Fabr., Ent. Syst. iii, 2, p. 128, No. 4, (1794).
Noctua unxia, Hübn., Eur. Schmett, Noct., fig. 513, (1810).*
Euchesia unxia, Hübn., Verz. Bek. Schmett, p. 221, No. 2217, (1816).
Heliothis apricans, Boisd., Faun. Ent. Madag., p. 98, 2, pl. 15, fig. 7, (1834).*
Hyblæa puera, Guén., Noct. ii, p. 390, 1250.*
——————— Walker, Cat Lep. Het. B. M., xii, p. 979, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 81, pl. 154, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885. p. 458.

I. M., Goalundo (Mein), Kulu (Young), Sylhet, Ceylon (Colombo Musuem), Poona (Swinhoe).
Collection Swinhoe, Solun, Poona, Bombay, Mhow, Nilgiri Hills, Ceylon.
Also recorded from Jamaica, South America, South Africa, and China.

Genus Maceda.

2233. Maceda mansueta.

Maceda mansueta, Walker, Cat. Lep. Het. B. M., xiii, p. 1141, (1857); and xxxiii, p. 924, (1865).
——————— Moore, Lep. Ceyl. iii, p. 82, pl. 154, figs. 4 and 5, (1884).
Calduba obtenta, Walker, *loc. cit.* xv, p. 1815, (1858).

Collection Swinhoe, Andaman Islands.
Also recorded from Sarawak, Borneo, Ceylon.

Family GONOPTERIDÆ.

Genus **Cosmophila**.

2234. Cosmophila xanthindyma.

Cosmophila xanthindyma, Boisd, Faune Ent. Madag. Lep. 94, pl. 13, fig. 7, (1834).*♂
———————— Guén., Noct. ii, p. 396.*
———————— Walker, Cat. Lep. Het. B. M., xiii, p. 987, (1857).
———————— Moore, Proc. Zool. Soc. Lond. 1883, p. 163.
———————— Lep. Ceyl. iii, p. 84, pl. 155, figs. 1, 1*a*, 1*b*, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.
Cirroedia variolosa, Walker, *loc. cit.*, xi, p. 750, (1857).
Cosmophila indica, Guén., Noct. ii, p 396, (1852).*♀
———————— Walker, *loc. cit.* xiii, p. 986, (1857).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411.
Cirroedia edentata, Walker, *loc. cit.* xi, p. 750, (1857).

I. M., Sikkim, Bombay (Swinhoe), Ceylon (Colombo Museum), Calcutta, Kulu (Young).
Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi, Ceylon.
Also recorded from Madagascar, Mauritius, Malabar, Java, Australia.

Genus **Arthisma**.

2235. Arthisma scissuralis.

Arthisma scissuralis, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.
———————— Waterhouse, Aid. iii, pl. 150, fig. 3, (1884).*

Singapore.

Genus **Rusicada**.

2236. Rusicada albitibia.

Gonitis albitibia, Walker, Cat. Lep. Het. B. M., xiii, p. 1001, (1857).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Rusicada albitibia, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.
Rusicada nigritarsis, Moore, Lep. Ceyl. iii, p. 86, pl. 155, figs. 2,2*a*, *b*,*c*,*d*, ♂, ♀, and larva, (1884).
Rusicada nigritarsis, Walker, *loc. cit.* xiii, p. 1006, (1857).

Collection Swinhoe, Bombay, Poona, Khandalla, Nilgiri Hills.
Also recorded from Ceylon, Calcutta, Sikkim.

2237. Rusicada brunnea.

Gonitis brunnea, Moore, Descr. Ind. Lep. Atk. ii, p. 153, (1882).

Calcutta.

2238. Rusicada diversalis.

Rusicada diversalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 21.
———————— Waterhouse, Aid. ii, pl. 150, fig. 2, (1884)*.

Singapore.
Allied to *R. brunnea*.

2239. Rusicada iconica.

Anomis iconica Walker, Cat. Lep. Het. B. M. xiii, p. 992, (1857).
Rusicada iconica, Moore, Lep. Ceyl. iii, p. 87, (1884).

Ceylon.

Genus **Gonitis**.

2240. Gonitis fulvida.

Anomis fulvida, Guén., Noct. ii, p. 397, 1259, (1852).*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 988, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 64; and 1877, p. 606.
Gonitis guttanivis, Walker *loc. cit.* xiii, p. 1003, (1857).
Anomis guttanivis, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.
Gonitis fulvida, Moore, *loc. cit.* 1883, p. 19.
———— Lep. Ceyl. iii, p. 85, pl. 155, figs. 3, 3*a*, (1884).
Gonitis combinans, Walker, *loc. cit.* xiii, p. 1001, (1857).

I. M., Sikkim, Sibsagar (Peal).
Collection Swinhoe, Sikkim, Khandalla.
Also recorded from Khasi Hills, Ceylon, Andaman Islands, Java, North America.

2241. Gonitis involuta.

Gonitis involuta, Walker, Cat. Lep. Het. B. M., xiii, p. 1003, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
———— Moore, Lep. Ceyl. iii, p. 85, pl. 153, fig. 7, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; and 1885, p. 458.
Gonitis basalis, Walker, *loc. cit.* xiii, p. 1004, (1857).
Tiridata colligata, Walker, *loc. cit.* xxxiii, p. 870, (1865).

I. M., Kulu (Young), Solun (Swinhoe).
Collection Swinhoe, Solun, Karachi, Nilgiri Hills, Bombay.
Also recorded from Ceylon.

2242. Gonitis latimargo.

Gonitis latimargo, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857).

India.

2243. Gonitis lineosa.

Gonitis lineosa, Walker, Cat. Lep. Hep. Het. B. M. xxxiii, p. 862, (1865).

India.

2244. Gonitis mesogona.

Gonitis mesogona, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
———— Moore, Lep. Ceyl. iii. p. 86, pl. 153, fig. 8, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Kulu (Young), Bombay (Swinhoe), Sikkim.
Collection Swinhoe, Kulu, Solun, Bombay.
Also recorded from Ceylon.

2245. GONITIS METAXANTHA.

Gonitis metaxantha, Walker, Cat. Lep. Het. B. M. xiii, p. 1005, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1883, p. 21.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Sikkim (Barnes), Poona (Swinhoe), Andaman Islands (De Roepstorff), Cherrapunji.
Collection Swinhoe, Sikkim, Solun, Poona, Bombay, Nilgiri Hills.

2246. GONITIS TRILINEATA.

Gonitis trilineata, Moore, Proc. Zool. Soc. Lond. 1883, p. 21, pl. 6, fig. 1.
Bombay.

Genus **Coarica.**

2247. COARICA FASCIATA.

Coarica fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 153, pl. 5, fig. 1.
Sikkim.

Genus **Falana.**

2248. FALANA SORDIDA.

Falana sordida, Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).
——————— Lep. Ceyl. iii, p. 88, pl. 155, fig. 4, (1884).

Cherrapunji, Ceylon.

Genus **Thalatta.**

2249. THALATTA ALBIORBIS.

Thalatta albiorbis, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.
——————— Lep. Ceyl. iii, p. 87, pl. 153, fig. 6, (1884).

Ceylon.
Allied to *T. precedens.*

2250. THALATTA FASCIOSA.

Thalatta fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 154, pl. 5, fig. 2, (1882).

Cherrapunji.

2251. THALATTA MODESTA.

Thalatta modesta, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.
——————— Lep. Ceyl. iii, p. 87, pl. 153, fig. 5, (1884).

Ceylon.

2252. THALATTA PRECEDENS.

Thalatta precedens, Walker, Cat. Lep. Het. B. M., xiii, p. 996, (1857).
India.

Genus **Ossonoba.**

2253. OSSONOBA TORPIDA.

Ossonoba torpida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1966, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 64.
———— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 22, pl. 106, fig. 8, (1886).

Collection Swinhoe, Sikkim.

FAMILY AMPHIPYRIDÆ.

Genus **Amphipyra.**

2254. AMPHIPYRA CHALCOPTERA.

Amphipyra chalcoptera, Felder & R. Reise, Novara Lep., pl. 112, fig. 18, (1864-75).

Rampur, Himalayas.

2255. AMPHIPYRA CORVUS.

Amphipyra corvus, Motsch.
———— Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).

Khasi Hills, China, Japan.
Allied to the European *A. livida*.

2256. AMPIHPYRA CUPREIPENNIS.

Amphipyra cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882).

Sikkim.

2257. AMPHIPYRA MAGNA.

Amphipyra magna, Walker, Cat. Lep. Het. B. M., p. 868, (1865).

Collection Swinhoe, Solun, Thundiani (Punjab).

2258. AMPHIPYRA MONOLITHA.

Amphipyra monolitha, Guén., Noct. ii, 414, 1279.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1018, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Collection Swinhoe, Sikkim.
Also recorded from Sylhet and North China.

Genus **Tambana.**

2259. TAMBANA CATOCALINA.

Tambana catocalina, Moore, Descr. Ind. Lep. Atk. ii, p. 156, pl. 5, fig. 3, (1882).

Sikkim.

2260. TAMBANA VARIEGATA.

Tambana variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882).
Sikkim.

Genus **Perinænia.**

2261. PERINÆNIA ACCIPITER.

Spintherops accipiter, Felder & R. Reise, Novara. Lep. iv, pl. 111 fig., (1864-75).
Perinænia accipiter, Moore, Descr. Ind. Lep. Atk. ii, p. 156, (1882).
Sikkim, Pangi.
Allied to *P. lignosa* of Japan.

Genus **Mithila.**

2262. MITHILA LICHENOSA.

Mithila lichenosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882).
Sikkim.

Genus **Blenina.**

2263. BLENINA ACCIPIENS.

Blenina accipiens, Walker, Cat. Lep. Het. xiii, p. 1215, (1857).
——————— Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 3, (1885).
Collection Swinhoe, (?) India.
Also recorded from Ceylon and Australia.

2264. BLENINA DONANS.

Blenina donans, Walker, Cat. Lep. Het. B. M. xiii, p. 1215, (1857).
——————— Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 2, (1885).
I. M., ? Andaman Islands.
Collection Swinhoe, Ceylon.

2265. BLENINA GRISEA.

Blenina grisea, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 1.
Andaman Islands.

2266. BLENINA LICHENOSA.

Blenina lichenosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 2,
Andaman Islands.

2267. BLENINA PANNOSA.

Blenina pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, pl. 5, fig. 4, (1882).
Calcutta.
Allied to *B. donans*.

2268. Blenina quinaria.

Blenina quinaria, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 5, (1882).

Sikkim.

Allied to *B.* (*Dandaca*) *senex* of Japan.

2269. Blenina variegata.

Blenina variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882).

Sikkim.

Genus **Amrella.**

2270. Amrella angulipennis.

Amrella angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 6, (1882).

Sikkim.

Genus **Nænia.**

2271. Nænia chalybeata.

Nænia chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Bengal.

2272. Nænia cuprea.

Nænia cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Bengal.

Genus **Axiopœna.**

2273. Axiopœna fluviatilis.

Axiopœna fluviatilis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351, pl. 9, fig. 7.

Collection Swinhoe, Quetta.

Allied to *A. Maura* and *A. Karelini* of Europe.

Family CATOCALIDÆ.

Genus **Catocala.**

2274. Catocala afghana.

Catocala afghana, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352, pl. 9, fig. 8.

Collection Swinhoe, Quetta, and Garhwal (Biluchistan).

2275. Catocala albifascia.

Catocala albifascia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 933, (1865).

Collection Swinhoe, North Canara.

2276. Catocala concubia.

Catocala concubia, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).
———— Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 10, (1886).

I. M., Kulu (Young).
Collection Swinhoe (Solun).

2277. Catocala dotata.

Catocala dotata, Walker, Cat. Lep. Het. B. M., xiii, p. 1212, (1857).
———— Herr Schäffer, Schmett, figs. 585, 588.*
———— Walker, *loc. cit.*, xxxiii, p. 930, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Kulu (Young), Chitral (Giles).
Collection Swinhoe, Solun.

2278. Catocala nepcha.

Catocala nepcha, Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Sikkim.

2279. Catocala patala.

Catocala patala, Felder & R. Reise, Novara, Lep., pl. 112, fig. 23, (1864-75).

India.

2280. Catocala prolifica.

Catocala prolifica, Walker, Cat. Lep. Het. B. M., xiii, p. 1211, (1857).
Catocala prolifera (sic), Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 9, (1886).

I. M., Kulu (Young).
Collection Swinhoe, Kulu.

2281. Catocala pudica.

Catocala pudica, Moore, 2nd Yarkand Mission Lep., p. 12, (1879).

Ladak.

2282. Catocala rama.

Catocala rama, Moore, Lep. Ceyl. iii, p. 128, pl. 160, fig. 6, (1885).

Ceylon.

2283. Catocala sponsalis.

Catocala sponsalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1213, (1857).
———— Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 111, fig. 1, (1886).

Nepal.

2284. Catocala tapestrina.

Catocala tapestrina, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. v, fig. 13, (1882).

Sikkim.

2285. Catocala unicuba.

Catocala unicuba, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 11, (1886).

Collection Swinhoe, Abbotabad (Punjab).

Family HYPOCALIDÆ.

Genus Hypocala.

2286. Hypocala angulipalpus.

Hypocala angulipalpus, Guén., Noct. iii, p. 77, 1424, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xiii, p. 1176, (1857).
Hypocala angulipalpis, Moore, Lep. Ceyl. iii, p. 127, pl. 160, fig. 4, (1885).

India.

2287. Hypocala aspersa.

Hypocala aspersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., Sikkim, Kulu (Young).
Collection Swinhoe, Solun, Sikkim.

2288. Hypocala deflorata.

Noctua deflorata, Fabr., Naturf. 190, 2, figs. 6 & 7.*
Hypocala deflorata, Guén., Noct. iii, 76, 1422, No. 2.*
———————Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Collection Swinhoe, Solun, Sikkim, Bombay.

2289. Hypocala efflorescens.

Hypocala efflorescens, Guén., Noct. iii, p. 77, 1423, (1852).*
———————Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 68.
——————— Lep. Ceyl. iii, p. 126, pl. 160, figs. 5, 5*a*, (1885).
———————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Bombay, Ceylon.

2290. Hypocala lativitta.

Hypocala lativitta, Moore, Proc. Zool. Soc. Lond. 1877, p. 606, pl. 60 fig. 4.

Andaman Islands.

2291. Hypocala rostrata.

Noctua rostrata, Fabr., Naturf. 197, pl. 4, fig. 4.*
Hypocala rostrata, Guén., Noct. iii, 74, 1418.*
———————Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Collection Swinhoe, Solun, Dharmsala, Sikkim.

2292. HYPOCALA SUBSATURA.

Hypocala subsatura, Guén., Noct. iii, 75, 1419.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Sylhet.

FAMILY TOXOCAMPIDÆ.

Genus **Toxocampa.**

2293. TOXOCAMPA COSTIMACULA.

Toxocampa costimacula, Guén., Noct. ii, 429, 1302.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1031, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Remigia triangulata, Walker, *loc. cit.*, xxxiii, p. 1017, (1865).

Sylhet.

2294. TOXOCAMPA CUCULLATA.

Toxocampa cucullata, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).
————Waterhouse, Aid. iii, pl. 160, fig. 1, (1885).*

Naini Tal.
Allied to the European *T. lusoria*.

2295. TOXOCAMPA DORSIGERA.

Toxocampa dorsigera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 873, (1865).
Ophiusa dorsigera, Moore, Lep. Ceyl. iii, p. 90, (1884).

Collection Swinhoe, Solun, Nilgiri Hills.
Also recorded from Ceylon.

2296. TOXOCAMPA METASPILA.

Toxocampa metaspila, Walker, Cat. Lep. Het. B. M., xiii, p. 1032, (1857).
Ophiusa pallidilinea, Walker, *loc. cit.*, xv, p. 1832, (1858).
Ophiusa metaspila, Moore, Lep. Ceyl. iii, p. 89, pl. 154, fig. 6, (1884).

Ceylon.

2297. TOXOCAMPA MOOLLA.

Toxocampa moolla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459, pl. 27, fig. 10.

Collection Swinhoe, Poona.

2298. TOXOCAMPA ORIENTALIS.

Toxocampa orientalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Murree.
Allied to *T. lilacina* of Japan.

2300. TOXOCAMPA QUINQUELINEA.

Toxocampa quinquelinea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 872, (1865).
Ophiusa quinquelinea, Moore, Lep. Ceyl. iii, p. 89, (1884).

Ceylon.

2301. TOXOCAMPA SEXLINEA.

Toxocampa sexlinea, Walker, Cat. Lep. Het. xxxiii, p. 872, (1865).
Ophiusa sexlinea, Moore, Lep. Ceyl. iii, p. 90, (1884).

Ceylon.

2302. TOXOCAMPA TETRASPILA.

Remigia tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1018, (1865).
Toxocampa tetraspila, Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sikkim.

Genus **Apopestes.**

2303. APOPESTES INDICA.

Apopestes indica, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.

Manpuri.
Allied to *A. phantasma*.

2304. APOPESTES PHANTASMA.

Amphipyra phantasma, Eversm., Bull. Mosc. 1843, p. 546.
Spintherops phantasma, Guén., Noct. ii, p. 422, 1290.*
Apopestes phantasma, Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).
———— Butler, Proc. Zool. Soc. Lond. 1880, p. 414.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1025, (1887).

I. M., Chitral (Giles), Yarkand (2nd Mission).
Also recorded from Candahar, and the Altai Mountains.

2305. APOPESTES SPECTRUM.

Noctua spectrum, Esper., Schmett. iv, 131, pl. 100, figs. 3, 4.*
———— Fabr., Ent. Syst. iii, 2, p. 54, No. 151, (1794).
———— Bork., Eur. Schmett iv, 5, 2.*
———— Hübn., Eur. Schmett Noct., pl. 67, fig. 325.*
———— God., Lep. v, 105, pl. 54, fig. 3.*
———— Meig., Syst. Besch. iii, 134, 94, pl. 103, fig. 3.*
Noctua socrus, Girona, Cal. Ent. 142.*
Noctua genistæ, Vill., Ent. Linn. 329.*
Apopestes spectrum, Hübn., Verz. Bek. Schmett, p. 275, No. 2710, (1816).
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1024, (1857).
Amphipyra spectrum, Treit., Schmett, v, 291, 7.*
Spintherops spectrum, Boisd., Ind. Meth. p. 98, No. 740, (1840).
———— Guén., Noct. ii, 423, 1289.*
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.

I. M., Persia.
Collection Swinhoe, Quetta.
Also recorded from Europe.

Family POAPHILIDÆ.

Genus **Poaphila.**

2306. Poaphila fuscipalpis.

Poaphila fuscipalpis, Walker, Char. Undescr. Lep. Het., p. 92, (1869).
Benares.

2307. Poaphila luteiceps.

Poaphila luteiceps, Walker, Cat. Lep. Het. B. M., xxxiii, p. 992, (1865).
North India.

2308. Poaphila marginata.

Poaphila marginata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 991, (1865).
India.

2309. Poaphila oculata.

Poaphila oculata, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 11, (1882).
Bengal.

2310. Poaphila pallens.

Poaphila pallens, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 9, (1882).
Calcutta.

2311. Poaphila quadrilineata.

Poaphila quadrilineata, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 22, (1882).
Sikkim, Cherrapunji.

2312. Poaphila reflexa.

Plecoptera reflexa, Guén., Noct. ii, p. 431, No. 1303.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1033, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Trigonodes (?) gammoides, Walker, *loc. cit.* xv, p. 1833, (1858).
Poaphila (?) simplex, Walker, *loc. cit.*, p. 1840, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Poaphila hamifera, Walker, *loc. cit.*, xxxiii, p. 992, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.
I. M., Solun, and Karachi (Swinhoe).
Collection Swinhoe, Solun, Umballa, Mhow, Karachi, Hydrabad (Sind), Campbellpore.
Also recorded from Poona.

2313. Poaphila uniformis.

Poaphila uniformis, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 10, (1882).
Parisnath Hill, Calcutta.

Genus **Iluza.**

2314. ILUZA DECISA.

Iluza decisa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1007, (1865).
North India.

2315. ILUZA DUPLEXA.

Iluza duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 7, (1882).
Khasi Hills.

2316. ILUZA PYRALINA.

Iluza pyralina, Moore, Proc. Zool. Soc. Lond. 1877, p. 610.
Andaman Islands.

2317. ILUZA TRANSVERSA.

Iluza transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 15, (1882).
Sikkim.

Genus **Borsippa.**

2318. BORSIPPA MARGINATA.

Borsippa marginata, Moore, Proc. Ind. Lep. Atk. ii, p. 173, (1882).
Sikkim.
Allied to *B. quadrilineata*.

Genus **Nasaya.**

2319. NASAYA HEPATICA.

Nasaya hepatica, Moore, Descr. Ind. Lep. Atk. ii, p. 173, (1882).
Sikkim.

Genus **Dierna.**

2320. DIERNA ACANTHUSALIS.

Dierna acanthusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 205, (1858).
——— Moore, Lep. Ceyl. iii, p. 188, pl. 171, fig. 9, (1885).
Nahara clavifera, Walker, *loc. cit.* xxxiii, p. 1004, (1865).
Collection Swinhoe, Ceylon, Nilgiri Hills.

2321. DIERNA MULTISTRIGARIA.

Dierna multistrigaria, Moore, Lep. Atk. ii, p. 173, (1882).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bombay, Cherrapunji.

Genus **Phurys.**

2322. PHURYS DISSIMILIS.

Phurys dissimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, (1882).

Cherrapunji.
Allied to *P. similis.*

2323. PHURYS FASCIOSA.

Phurys fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 6, (1882).

Sikkim.

2324. PHURYS OBLIQUA.

Phurys obliqua, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Bengal.

2325. PHURYS SIMILIS.

Phurys similis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 5, (1882).

Sikkim.
Allied to *P. fasciosa.*

2326. PHURYS STRIGATA.

Phurys strigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Bengal.

Genus **Tochara.**

2327. TOCHARA OBLIQUA.

Tochara obliqua, Moore, Descr. Ind. Lep. Atk. ii, p. 175, pl. 6, fig. 27, (1882).

Khasi Hills, Cherra.

Genus **Arasada.**

2328. ARASADA PYRALIFORMIS.

Arasada pyraliformis, Moore, Lep. Ceyl. iii, p. 189, pl. 172, figs. 1, 1*a*, (1885).

Ceylon.

FAMILY XYLINIDÆ.

Genus **Phorica.**

2329. PHORICA PHASIPENNIS.

Phorica phasipennis, Walker, Cat. Lep. Het. B. M., xv, p. 1732, (1858).

India.

Genus **Lithophane.**

2330. LITHOPHANE DEFLEXA.

Xylina deflexa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865).
Lithophane deflexa, Moore, Lep. Ceyl. iii, p. 39, (1884).
Ceylon.

2331. LITHOPHANE INCHOANS.

Xylina inchoans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865).
Lithophane inchoans, Moore, Lep. Ceyl. iii, p. 40, (1884).
Ceylon.

Genus **Xylina.**

2332. XYLINA SEPARATA.

Xylina separata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 752, (1865).
North India.

Genus **Lyncestis.**

2333. LYNCESTIS AMPHIX.

Phalæna (*Noctua*) *amphix*, Cram., Pap. Exot. ii, pl. 134, fig. *C*, (1777).
Lyncestis amphix, Walker, Cat. Lep. Het. B. M., xi, p. 632, (1857).
Coromandel.

Genus **Epimecia.**

2334. EPIMECIA ANGULATA.

Epimecia angulata, Walker, Trans. Ent. Soc. Lond., ser. 3, vol. 1, p. 88, (1862—64).
———————————Cat. Lep. Het. B. M., xxxiii, p. 762, (1865).
India.

Genus **Corymbia.**

2335. CORYMBIA OBLIQUA.

Corymbia obliqua, Walker, Cat. Lep. Het. B. M., xxxiii, p. 766, (1865).
Madras.

Genus **Cucullia.**

2336. CUCULLIA ALBESCENS.

Cucullia albescens, Moore, Proc. Zool. Soc. Lond., 1881, p. 357.
Dalhousie.

2337. CUCULLIA ATKINSONI.

Cucullia atkinsoni, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882).
Sikkim.

Genus **Jarasana.**

2338. JARASANA LATIVITTA.

Jarasana lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 132, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.

Collection Swinhoe, Karachi, Poona.
Also recorded from Benares.

FAMILY CATEPHIDÆ.

Genus **Briarda.**

2339. BRIARDA DECENS.

Briarda decens, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857).
———— Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 6, (1886).

Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

2340. BRIARDA PRECEDENS.

Briarda precedens, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857) ♂.
Briarda præcedens (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Briarda precedens, Moore Lep. Ceyl. iii, p. 98, pl. 156, fig. 8, (1884).
———— Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 7, (1886).
Briarda antecedens, Walker, *loc. cit.*, xiii, p. 1099, (1857). ♀

Collection Swinhoe, India.
Also recorded from Sumatra and Ceylon.

2341. BRIARDA VARIANS.

Briarda varians, Moore, Proc. Zool. Soc. Lond. 1867, p. 66, pl. 6, fig. 12.

Bengal.

Genus **Arcte.**

2342. ARCTE CŒRULEA.

Cocytodes cærulea, Guén., Noct. iii, p. 41, 1370, pl. 13, fig. 10, (1852).*
Cocytodes cærula, Walker, Cat. Lep. Het. B. M. xiii, p. 1123, (1857).
Cocytodes cærulea, Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte cærulea, Moore, Lep. Ceyl. iii, p. 112, (1885).

I. M., Sikkim (Atkinson; also purchased), Shillong, Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

2343. ARCTE GRANULATA.

Cocytodes granulata, Guén., Noct. iii, p. 42, 1371.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).

India.

2344. Arcte modesta.

Catocala modesta, van der Hoeven, Lep. Nouv., pl. 7, fig. 8.*
———— Tijd. v. Natur. Gesch. vii, 1840, pl. 7, fig. 8, *var.**
Cocytodes immodesta, Guén., Noct. iii, 42, 1372.*
Cocytodes modesta, Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte senica, Felder & R. Reise, Novara Lep., pl. 113, fig. 2, (1864-75).
Collection Swinhoe, Solun, Sikkim, Nilgiri Hills.
Also recorded from Java, Sumatra, Ceylon, Sylhet.

2345. Arcte nigrescens.

Arcte nigrescens, Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 8, (1886).
Sikkim.

2346. Arcte taprobana.

Arcte taprobana, Moore, Lep. Ceyl. iii, p. 113, pl. 160, fig. 1, (1885).
I. M., Sikkim.
Collection Swinhoe, Ceylon.

Genus **Catephia.**

2347. Catephia linteola.

Catephia linteola, Guén., Noct. iii, p. 44, 1375, (1852).*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1126, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
———— Lep. Ceyl. iii, p. 114, pl. 159, fig. 1, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.
I. M., Sikkim (purchased), Sibsagar (Peal), Calcutta (Baxter).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Hypospila.**

2348. Hypospila bolinoides.

Hypospila bolinoides, Guén., Noct. iii, p. 358, 1832.*
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.
———— Moore, Lep. Ceyl. iii, p. 203, (1885).
Thermesia signipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1572, (1858).
I. M. (?), Andaman Islands (purchased).
Collection Swinhoe, Bombay.
Also recorded from Hongkong.

Genus **Aucha.**

2349. Aucha nectens.

Triphæna nectens, Walker, Cat. Lep. Het. B. M. xv, p. 1704, (1858).
Triphænopsis nectens, Butler, Ann. Nat. Hist. (5), i, p. 133, (1878).
Aucha nectens, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 461.
Collection Swinhoe, Bombay.

2350. AUCHA VELANS.

Aucha velnas, Walker, Cat. Lep. Het. B. M. xiii, p. 1138, (1857).
———— Moore, Lep. Ceyl. iii, p. 130, (1885).

Ceylon.

Genus **Mosara.**

2351. MOSARA APICALIS.

Mosara apicalis, Walker, Cat. Lep. Het. B. M. v, p. 1032, (1855).
———— Moore, Lep. Ceyl. iii, p. 119, pl. 159, figs. 3, 3*a*, (1885).
Anophia lateralis, Walker, *loc. cit.* xxxiii, p. 917, (1865).
Mosara lateralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.

Collection Swinhoe, Poona.
Also recorded from Ceylon.

Genus **Anophia.**

2352. ANOPHIA ACRONYCTOIDES.

Anophia acronyctoides, Guén., Noct. iii, 47, 1378.*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1128, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

I. M., Andaman Islands (purchased), Sikkim.
Also recorded from Australia, Ceylon, Punjab, Nepal, Sylhet.

2353. ANOPHIA DIPHTHEROIDES.

Anophia diphtheroides, Moore, Lep. Ceyl. iii, p. 118, pl. 159, fig. 6, (1885).

Ceylon.

2354. ANOPHIA EPUNDOIDES.

Anophia epundoides, Walker, Cat. Lep. Het. B. M. xxxiii, p. 917, (1865).

Canara.

2355. ANOPHIA OLIVESCENS.

Anophia olivescens, Guén., Noct. iii, p. 48, pl. 14, fig. 11, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1128, (1857).
Anophia olivescens, Moore, Lep. Ceyl. iii, p. 117, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.
Anophia olivascens (sic), Moore, Proc. Zool. Soc. Lond. 1877, p. 606.

I. M., Bombay and Poona (Swinhoe), Cachar (Wood-Mason). Sibsagar (Peal), Ranchi (Irvine).
Collection Swinhoe, Kasauli, Karachi, Umballa, Poona, Bombay, Mhow, Ceylon.
Also recorded from Andaman Islands.

2356. ANOPHIA PERDICIPENNIS.

Anophia perdicipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 18, (1882).

Sikkim.

Genus **Zarima.**

2357. ZARIMA DENTIFERA.

Zarima dentifera, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 19, (1882).

Sikkim.

Genus **Vapara.**

2358. VAPARA FASCIATA.

Vapara fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882).

Collection Swinhoe, Sikkim.

2359. VAPARA INDISTINCTA.

Vapara indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882).
——————— Lep. Ceyl. iii, p. 120, pl. 159, fig. 7, (1885).

Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

Genus **Stictoptera.**

2360. STICTOPTERA BOARMIOIDES.

Steira boarmioides, Walker, Cat. Lep. Het. B. M., xxxiii, p. 923, (1865).

North India.

2361. STICTOPTERA DENTICULATA.

Stictoptera denticulata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 919, (1865).

India.

2362. STICTOPTERA GRISEA.

Stictoptera grisea, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Sikkim.

2363. STICTOPTERA ILLUCIDA.

Stictoptera illucida, Walker, Cat. Lep. Het. B. M., xxxiii, p. 918, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Calcutta.

2364. STICTOPTERA OLIVASCENS.

Stictoptera olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882).

Khasi Hills.
Allied to *S. denticulata*.

2365. STICTOPTERA SUBOBLIQUA.

Steiria subobliqua, Walker, Cat. Lep. Het. B. M., xiii, p. 1136, (1857).
Stictoptera subobliqua, Moore, Lep. Ceyl. iii, p. 121, pl. 159, figs. 4, 4*a*, 4*b*, (1885).

Ceylon.

2366. STICTOPTERA TRAJICIENS.

Steiria trajiciens, Walker, Cat Lep. Het. B. M., xiii, p. 1137, (1857).
Stictoptera trajiciens, Moore, Lep. Ceyl. iii, p. 122, pl. 158, fig. 12, (1885).
Ceylon.

2367. STICTOPTERA VARIABILIS.

Steiria variabilis, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882).
Stictoptera variabilis, Moore, Lep. Ceyl iii, p. 120, pl. 159, fig. 5, (1885).
Sikkim, Ceylon.
Allied to *S. cucullioides* of Java.

Genus **Erygia.**

2368. ERYGIA APICALIS.

Erygia apicalis, Guén., Noct. iii, 50, 1381*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1129, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Calicula exempta, Walker, *loc. cit.* xv, p. 1808, (1858).
Collection Swinhoe, Mhow.

Genus **Odontodes.**

2369. ODONTODES ALEUCA.

Odontodes aleuca, Guén., Noct. iii, 51, 1382*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1130, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
I. M., Barakur, Calcutta, Solun (Swinhoe).
Collection Swinhoe, Solun, Sikkim, Bombay.

2370. ODONTODES BOLINOIDES.

Briarda bolinoides, Walker, Cat. Lep. Het. B. M., xv, p. 1802, (1858).
Steiria subfasciata, Walker, *loc. cit.*, xxxiii, p. 922, (1865).
Odontodes bolinoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Steiria quadristrigata, Walker, *loc. cit.* xxxiii, p. 923, (1865).
Collection Swinhoe, Mhow.

Genus **Sadarsa.**

2371. SADARSA LONGIPENNIS.

Sadarsa longipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, pl. 5, fig. 14, (1882).
Sikkim.

2372. SADARSA TENUIS.

Cucullia tenuis, Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
Sadarsa tenuis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).
Sikkim.

Genus **Gyrtona.**

2373. GYRTONA ALBODENTATA.

Gyrtona albodentata, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).

Cherrapunji, Khasi Hills.

2374. GYRTONA CHALYBEA.

Gyrtona chalybea, Butler, Proc. Zool. Soc. Lond. 1883, p. 163.

Collection Swinhoe, Solun, Sikkim, Buxar.

2375. GYRTONA DORSALIS.

Gyrtona dorsalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 98, (1863).
——————— Moore, Lep. Ceyl. iii, p. 125, pl. 158, figs. 10 & 11, (1885).
Othora subfasciata, Walker, *loc. cit.* xxxiii, p. 907, (1865).
Othora includens, Walker, *loc. cit.*, p. 909, (1865).
Ariola bryophilina, Felder & R. Reise, Novara Lep., pl. 120, fig. 10, (1864-75).

Collection Swinhoe, Ceylon, Nilgiri Hills.

2376. GYRTONA HYLUSALIS.

Gyrtona hylusalis, Walker, Cat. Lep Het. B. M. xxvii, p. 93, (1863).
——————— Moore, Lep. Ceyl. iii, p. 124, (1885).
Gyrtona nigrocinerea, Walker, *loc. cit.* xxvii, p. 94, (1863).
Gyrtona dorsifascialis, Walker, *loc. cit.* xxvii, p. 95, (1863).
Gyrtona strenualis, Walker, *loc. cit.* xxvii, p. 96, (1863).
Gyrtona monilialis, Walker, *loc. cit.* xxvii, p. 97, (1863).
Nephopteryx demptella, Walker, *loc. cit.* xxxv, p. 1721, (1866).

Ceylon.

2377. GYRTONA MUSCOSA.

Diomea muscosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 898, (1865).
Gyrtona muscosa, Moore, Lep. Ceyl. iii, p. 124, (1885).

Ceylon.

2378. GYRTONA PHYCISOIDES.

Gyrtona phycisoides, Moore, Lep. Ceyl. iii, p. 125, pl. 158, fig. 8, (1885).

Ceylon.

2379. GYRTONA THORACIA.

Gyrtona thoracia, Walker, Cat. Lep. Het. B. M. xxvii, p. 9, (1863).
Gyrtona thoracica (sic), Moore, Lep. Ceyl. iii, p. 124, (1885).

Ceylon.

Genus **Lophoptera.**

2380. LOPHOPTERA COSTATA.

Lophoptera costata, Moore, MS.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
——————— Moore, Lep. Ceyl. iii, p. 123, pl. 159, fig. 8, (1885).

Collection Swinhoe, Dharmsala.
Also recorded from Ceylon.

2381. LOPHOPTERA XYLINATA.

Lophoptera xylinata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 920, (1865).

Canara.

Genus **Ægilia.**

2382. ÆGILIA ANGULATA.

Ægilia angulata, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).

Sikkim.

2383. ÆGILIA DESCRIBENS.

Ægilia describens, Walker, Cat. Lep. Het. B. M. xiii, p. 1139, (1857).
——————— Moore, Lep. Ceyl. iii, p. 122, (1885).

Ceylon.

2384. ÆGILIA OBSCURA.

Ægilia obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).

Sikkim, Sarawak.

Genus **Brana.**

2385. BRANA CALOPASA.

Brana calopasa, Walker, Cat. Lep. Het. B. M., xiii, p. 1100, (1857).
——————— Moore, Lep. Ceyl. iii, p. 44, pl. 148, fig. 6, (1884).

Collection Swinhoe, Ceylon.

Genus **Athyrma.**

2386. ATHYRMA DIVULSA.

Athyrma divulsa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 966, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Collection Swinhoe, Sylhet, Bombay.

2387. ATHYRMA POLYSPILA.

Athyrma polyspila, Walker, Cat. Lep. Het. xxxiii, p. 966, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, India.
Also recorded from Sylhet.

2387. ATHYRMA TESSELLATA.

Athyrma tessellata, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Bengal.

FAMILY HYPOGRAMMIDÆ.

Genus **Callyna**.

2389. CALLYNA COSTIPLAGA.

Callyna costiplaga, Moore, Lep. Ceyl. iii, p. 100, pl. 156, fig. 10, (1884).
Ceylon.

2390. CALLYNA JUGARIA.

Callyna jugaria, Walker, Cat. Lep. Het. B. M., xv, p. 1809, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
I. M., Cachar (Wood-Mason), Andaman Islands (purchased).
Collection Swinhoe, Poona.

2391. CALLYNA MONOLEUCA.

Callyna monoleuca, Walker, Cat. Lep. Het. B. M., xv, p. 1667, (1858); and xxxiii, p. 914, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
I. M., Sikkim (purchased), Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Canara.

2392. CALLYNA SEMIVITTA.

Callyna semivitta, Moore, Descr. Ind. Lep. Atk. ii, p. 161, (1882).
———— Waterhouse, Aid. iii, pl. 160, fig. 3, (1885)*.
Sikkim.
Allied to *C. jugaria*.

2393. CALLYNA SIDEREA.

Callyna siderea, Guén., Noct. i, 113, 178*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1119, (1857).
———— Moore, Zool. Soc. Lond. 1867, p. 66.
Callyna sidera (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
I. M., Poona.
Collection Swinhoe, Poona.
Also recorded from North India and Sylhet.

Genus **Dinumma**.

2394. DINUMMA DEPONENS.

Dinumma deponens, Walker, Cat. Lep. Het. B. M., xv, p. 1806, (1858).
India.

2395. Dinumma mystica.

Dinumma mystica, Walker, Cat. Lep. Het. B. M., xv, p. 1807, (1858).
India.

2396. Dinumma placens.

Dinumma placens, Walker, Cat. Lep. Het., xv, p. 1806, (1858).
——————— Moore, Lep. Ceyl. iii, p. 101, pl. 156, fig. 11, (1884).
Collection Swinhoe, Dharmsala.
Also recorded from Ceylon.

Genus **Burdria.**

2397. Burdria edemoides.

Burdria edemoides, Walker, Char. Undescr. Lep. Het., p. 50, (1869).
India.

Genus **Corsa.**

2398. Corsa lignicolora.

Corsa lignicolora, Walker, Cat. Lep. Het. B. M., xiii, p. 1101, (1857).
——————— Moore, Lep. Ceyl. iii, p. 99, pl. 156, fig. 9, (1884).
Ceylon.

Genus **Hypogramma.**

2399. Hypogramma quadrinotata.

Hypogramma quadrinotata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 89, (1865).
India.

2400. Hypogramma validula.

Hypogramma validula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 893, (1865).
Punjab.

Genus **Gadirtha.**

2401. Gadirtha decrescens.

Gadirtha decrescens, Walker, Cat. Lep. Het., xiii, p. 1104, (1857).
——————— Moore, Lep. Ceyl. iii, p. 102, (1884).
Ceylon.

2402. Gadirtha impingens.

Gadirtha impingens, Walker, Cat. Lep. Het. B. M., xiii, p. 1103, (1857).
Collection Swinhoe, Hongkong.
Also recorded from India.

2403. GADIRTHA INEXACTA.

Gadirtha inexacta, Walker, Cat. Lep. Het. B. M., xiii, p. 1102, (1857).
Collection Swinhoe, North India.

2404. GADIRTHA RECTIFERA.

Gadirtha rectifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865).
——————— Moore, Lep. Ceyl. iii, p. 101, (1884).
Ceylon.

Genus **Plotheia.**

2405. PLOTHEIA ÆNEA.

Othora ænea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 1.
Collection Swinhoe, Karachi.

2406. PLOTHEIA ALBIVITTA.

Othora albivitta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 908, (1865).
Plotheia albivitta, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon.

2407. PLOTHEIA ALBOTECTA.

Othora albotecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865).
Plotheia albotecta, Moore, Lep. Ceyl. iii, p. 109, (1885).
Ceylon.

2408. PLOTHEIA BASIFASCIA.

Othora basifascia, Walker, Cat. Lep. B. M., xxxiii, p. 911, (1865).
Plotheia basifascia, Moore, Lep. Ceyl. iii, p. 107, pl. 157, fig. 8, (1885).
Ceylon.

2409. PLOTHEIA CINERASCENS.

Othora cinerascens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865).
Plotheia cinerascens, Moore, Lep. Ceyl. iii, p. 109, (1885).
Ceylon.

2410. PLOTHEIA CONCISA.

Othora concisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 910, (1865).
Plotheia concisa, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2411. PLOTHEIA FRONTALIS.

Plotheia frontalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1109, (1857).
——————— Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 6, (1885).
Othora canescens, Walker, *loc. cit.* xxxiii, p. 904, (1865).
Collection Swinhoe, Ceylon.

2412. Plotheia griseovirens.

Plotheia griseovirens, Moore, Lep. Ceyl. iii, p. 108, pl. 158, fig. 2, (1885).
Ceylon.

2413. Plotheia guttulosa.

Gadirtha guttulosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865).
Othora onusta, Walker, *loc. cit.*, p. 905, (1865).
Othora signata, Walker, *loc. cit.*, p. 906, (1865).
Plotheia guttulosana (sic), Moore, Lep. Ceyl. iii, p. 107, pl. 158, fig. I, (1885).
Collection Swinhoe, India.
Also recorded from Ceylon.

2414. Plotheia imprimens.

Othora imprimens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 911, (1865).
Plotheia imprimens, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2415. Plotheia lativitta.

Plotheia lativitta, Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 11, (1885).
Ceylon.

2416. Plotheia lichenoides.

Galleriomorpha lichenoides, Felder, Wien Ent. Mon. vi, 1862, Note, p. 38.
——————— Reise, Novara Lep., pl. 100, fig. 15, (1864-75).
——————— Nietner, Rev. et Mag. de Zool., 864, p. 60.
———————————, Observs. on Enemies of Coffee Tree in Ceylon, p. 23.*
Plotheia lichenoides, Moore, Lep. Ceyl. iii, p. 108, pl. 157, fig. 9, (1885).
Ceylon.

2417. Plotheia orbicularis.

Diomea orbicularis, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858).
Plotheia orbicularis, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon.

2418. Plotheia plagiata.

Othora plagiata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 907, (1865).
Plotheia plagiata, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2419. Plotheia rudivitta.

Egelesta rudivitta, Walker, Cat. Lep. Het. B. M., xv, p. 1748, (1858).
Plotheia rudivitta, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon.

2420. Plotheia spurcata.

Gadirtha spurcata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 896, (1865).
Othora lata, Walker, *loc. cit.* xxxiii, p. 909, (1865).
Plotheia spurcata, Moore, Lep. Ceyl. iii, p. 106, pl. 157, figs. 5, 7, and 12, (1885).

Ceylon.

2421. Plotheia subglauca.

Othora subglauca, Walker, Cat. Lep. Het. B. M. xxxiii, p. 905, (1865).
Plotheia subglauca, Moore, Lep. Ceyl. iii, p. 110, (1885).

Ceylon.

2422. Plotheia velata.

Othora velata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 902, (1865).
Plotheia velata, Moore, Lep. Ceyl. iii, p. 109, (1885).

Ceylon.

Genus **Mœpa.**

2423. Mœpa albidens.

Mœpa albidens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 916, (1865).

South India.

Genus **Selepa.**

2424. Selepa celtis.

Selepa celtis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 353, pl. 9*a*, fig. 9, and pl. 16, figs. 8, 8*a*, (1857).
———— Lep. Ceyl. iii, p. 103, pl. 158, fig. 5, (1884).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 4.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
Subrita curviferella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1745, (1866).
Selepa curviferella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 449.

Collection Swinhoe, Bombay, Poona, Mhow.
Also recorded from Ceylon.

2425. Selepa docilis.

Selepa docilis, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Karachi, Hydrabad (Sind).

2426. Selepa occulta.

Selepa occulta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 11; and 1886, p. 449.

Collection Swinhoe, Poona, Mhow.

2427. SELEPA STRIGIFERA.

Selepa strigifera, Moore, Lep. Ceyl. iii, p. 103, pl. 158, figs. 3, 3*a*, (1884).
Ceylon.

2428. SELEPA VITEA.

Selepa vitea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460, pl. 27, fig. 17.
I. M., Khandalla (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

Genus **Symitha.**

2429. SYMITHA INDICA.

Sarrothripa indica, Felder & R. Reise, Novara Lep. iv, pl. 106, fig. 19, (1864-75).
Symitha indica, Moore, Lep. Ceyl. iii, p. 104, pl. 158, fig. 6, (1884).
Ceylon.

2430. SYMITHA SCEPTICA.

Symitha sceptica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 6.
Bombay.

Genus **Cletthara.**

2431. CLETTHARA BASALIS.

Cletthara basalis, Moore, Lep. Ceyl. iii, p. 105, pl. 158, fig. 7, (1884).
Ceylon.

FAMILY POLYDESMIDÆ.

Genus **Bamra.**

2432. BAMRA ACRONYCTOIDES.

Bamra acronyctoides, Moore, Descr. Ind. Lep. Atk. ii, p. 160, (1882).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.
Collection Swinhoe, Umballa, Poona, Mhow.
Also recorded from Sikkim.

2433. BAMRA ALBICOLA.

Felinia albicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1515, (1858).
Bamra albicola, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).
India.

2434. Bamra discalis.

Agriopis discalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. vii, fig. 2.
Bamra discalis, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).
I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swhinhoe, Sibsagar.

2435. Bamra lepida.

Agriopis lepida, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
Bengal.

Genus **Oromena.**

2436. Oromena relinquenda.

Briarda relinquenda, Walker, Cat. Lep. Het. B. M., xv, p. 1802, (1858).
Oromena reliquenda (sic), Moore, Descr. Ind. Lep. Atk. ii, p. 160, (1882).
I. M., Sikkim (purchased), Mergui (Anderson).
Collection Swinhoe, Sikkim.

Genus **Donda.**

2437. Donda eurychlora.

Dandaca eurychlora, Walker, Cat. Lep. Het. B. M., xv, p. 1670, (1858).
Donda eurychlora, Moore, Proc. Zool. Soc. Lond. 1883, p. 23.
Canara, Sikkim.

2438. Donda ornata.

Donda ornata, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 3.
Bombay.

2439. Donda striatovirens.

Donda striatovirens, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 2.
Cherrapunji.

2440. Donda thoracica.

Donda thoracica, Moore, Descr. Ind. Lep. Atk. ii, p. 161, pl. v, fig. 7, (1882).
Sikkim.

Genus **Pandesma.**

2441. Pandesma devia.

Pandesma devia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 3.
Collection Swinhoe, Karachi, Gonda, Hydrabad (Sind).

2442. Pandesma hemodi.

Pandesma hemodi, Felder & R. Reise, Novara Lep., pl. 111, fig. 25, (1864-75).
I. M., Sikkim (purchased).

2443. PANDESMA QUENAVADI.

Pandesma quenavadi, Guén., Noct. ii, p. 438, No. 1310.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.
———— Moore, Lep. Ceyl. iii, p. 91, pl. 156, fig. 1, (1884).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Pandesma anysa, Guén. Noct. ii, 439, 1311.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1883, p. 23.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.
Cerbia fugitiva, Walker, *loc. cit.* xiv, p. 1365, (1858).
Thria fugitiva, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
Pandesma fugitiva, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519.

Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi.
Also recorded from Campbellpore and Sylhet.

Genus **Pandesma.**

2444. PANDESMA SIMILATA.

Pandesma similata, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Shikapore (Sind).
Also recorded from Rawalpindi, Allahabad.

2445. PANDESMA SUBLIMIS.

Pandesma (?) sublimis, Felder & R. Reise, Novara Lep., pl. 111, fig. 23, (1864—1875).

I. M., Sikkim (purchased).

Genus **Polydesma.**

2446. POLYDESMA BOARMOIDES.

Polydesma boarmoides, Guén., Noct. ii, p. 441, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1042, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65; and 1877, p. 606.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.
Polydesma mastrucata, Felder & R. Reise, Novara, Lep., pl. iii, fig. 31, (1864-75).
Anodapha boarmoides, Moore, Lep. Ceyl. iii, p. 92, pl. 156, fig. 2, (1884).
Alamis brevipalpis, Walker, Cat. Lep. Het. B. M. xiii, p. 1051, (1857).
Polydesma brevipalpis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.

Collection Swinhoe, Mhow, Poona, Bombay, Sikkim, Ceylon.
Also recorded from Ceylon, Andaman Islands, Sylhet, Cashmir.

2447. Polydesma erubescens.

Polydesma erubescens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 876, (1865).
Anodapha erubescens, Moore, Lep. Ceyl. iii, p. 92, (1884).

Ceylon.

2448. Polydesma otiosa.

Polydesma otiosa, Guén., Noct. ii, 442, 1316.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1042, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2449. Polydesma scriptilis.

Polydesma scriptilis, Guén., Noct. ii, 442, 1315.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1042, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

Genus **Thria.**

2450. Thria inepta.

Thria (?) inepta, Butler, Proc. Zool. Soc. Lond. 1881, p. 620.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.

Collection Swinhoe, Chaman (South Afghanistan).

Family HOMOPTERIDÆ.

Genus **Alamis.**

2451. Alamis continua.

Alamis continua, Walker, Cat. Lep. Het. B. M. xxxiii, p. 877, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 448.
Homoptera continua, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 9.

Collection Swinhoe, Mhow.

2452. Alamis glaucinans.

Alamis glaucinans, Guén., Noct. iii, 6, 1326.*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1050, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2453. Alamis hypophæa.

Alamis hypophæa, Guén., Noct. iii, 4, 1323.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1049, (1857).

India.

2454. ALAMIS INFLIGENS.

Homoptera infligens, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Alamis infligens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Poona and Karachi (Swinhoe).
Collection Swinhoe, Poona, Bombay, Karachi.

2455. ALAMIS UMBRINA.

Alamis umbrina, Guén., Noct. iii, 4, 1321.*
———— Walker, Cat. Lep. Het. B. M., xiii, 1049, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
———— Moore, Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).
var. *Alamis albicincta*, Guén., Noct., p. 4, No. 1322.*
———— Walker, *loc. cit.*, xiii, p. 1049, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.

I. M., Cachar (Wood-Mason), Calcutta, Kulu (Young).
Collection Swinhoe, Solun, Mhow, Campbellpore, Karachi.
Also recorded from Sylhet, Poona.

Genus **Caduca.**

2456. CADUCA MELEAGRIS.

Alamis meleagris, Felder & R. Reise, Novara Lep., pl. 111, fig. 32, (1864-75).
Caduca meleagris, Moore, Lep. Ceyl. iii, p. 96, pl. 156, fig. 7, (1884).

Ceylon.

Genus **Homoptera.**

2457. HOMOPTERA ALBOPUNCTATA.

Homoptera albopunctata, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).

North India.

2458. HOMOPTERA ANTICA.

Homoptera antica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 887, (1865).

South India.

2459. HOMOPTERA CATENATA.

Homoptera catenata, Moore, Lep. Ceyl. iii, p. 550, pl. 214, fig. 1, (1887).

Ceylon.

2460. HOMOPTERA COSTIFERA.

Homoptera costifera, Walker, Cat. Lep. Het B. M. xxxiii, p. 886, (1865).
———— Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2461. HOMOPTERA DETERSA.

Homoptera detersa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 888, (1865).

North India.

2462. Homoptera intenta.

Homoptera intenta, Walker, Cat. Lep. Het. B. M. xiii, p. 1070, (1857).

Campbellpore.

2463. Homoptera plumipes.

Homoptera plumipes, Walker, Cat. Lep. Het. B. M. xxxiii, p. 888, (1865).

North India.

2464. Homoptera procumbens.

Homoptera procumbens, Walker, Cat. Lep. Het. B M. xxxiii, p. 886, (1865).
———————— Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2465. Homoptera retrahens.

Homoptera retrahens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 887, (1865).
———————— Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2466. Homoptera solita.

Homoptera solita, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14, fig. 9.

Mhow.

2467. Homoptera vetusta.

Polydesma vetusta, Walker, Cat. Lep. Het. B. M. xxxiii, p 875, (1865).
Homoptera vetusta, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Karachi, Mhow.

2468. Homoptera vilis.

Homoptera vilis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 889, (1865).
———————— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

Collection Swinhoe, Campbellpore.

Genus **Panilla.**

2469. Panilla dispila.

Homoptera dispila, Walker, Cat. Lep. Het. B. M. xxxiii, p. 890, (1865).
Homoptera divisistriga, Walker, M. S. B. M. Cab.
Panilla dispila, Moore, Lep. Ceyl. iii, p. 93, pl. 156, fig. 12, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

Collection Swinhoe, Poona, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Girpa.**

2470. GIRPA ERIOPHORA.

Hulodes eriophora, Guén., Noct. iii, p. 210, 1611, ♀, (1852)*.
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858).
Ophisma deficiens, Walker, *loc. cit.* xiv, p 1383, (1858).
Remigia perfidiosa, Walker, *loc. cit.* xiv, p. 1511, (1858).
Hypopyra apicalis, Walker, Journ. Linn. Soc. vii, p. 178, (1864).
Ophisma cunulifera, Walker, M. S. B. M. Coll.
Girpa eriophora, Moore, Lep. Ceyl. iii, p. 95, pl. 156, fig. 4, ♀, (1884).
Cotuza deficiens, Moore, Proc. Zool. Soc. Lond. 1867, p. 74, pl. 7, fig. 1.

I. M., Sibsagar.

Collection Swinhoe, Ceylon, Nilgiri Hills.

Also recorded from Sylhet and China.

2471. GIRPA FRATERNA.

Girpa fraterna, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 5, 5*a*, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Khandalla, and Nilgiri Hills (Swinhoe).

Collection Swinhoe, Khandalla, Matheran, Mhow, Nilgiri Hills, Poona, Bombay, Ceylon.

2472. GIRPA INANGULATA.

Hulodes inangulata, Guén., Noct. iii, 210, 1612*.
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1337, (1858).
———————— Moore, Proc. Zool. Lond. 1867, p. 73.
Remigia optativa, Walker, *loc. cit.* xiv, p. 1510, (1858).
Remigia optatura, Walker, *loc. cit.* xv, 1848, (1858).
Remigia comitata, Walker, *loc. cit.* xxxiii, p. 1018, (1865).
Hulodes umbrosa, Walker, Char. Undescr. Lep. Het. p. 91, ♂, 1869.
Girpa inangulata, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 6 & 6*a*, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
Girpa optativa, Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
Alamis optatura, Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Girpa optatura, Butler, Proc. Zool. Soc. Lond. 1881, p. 620.

I. M., Andaman Islands (DeRoepstorff), Ceylon (Colombo Museum), Sikkim.

Collection Swinhoe, Solun, Kasaoli, Sikkim, Mhow, Poona, Bombay, Ahmedabad, Nilgiri Hills.

Also recorded from Sylhet, Madras, Benares, and China.

2473. GIRPA PERTENDENS.

Remigia pertendens, Walker, Cat. Lep. Het. B. M., xiv, p. 1512, (1858).
Girpa pertendens, Moore, Lep. Ceyl. iii, p. 95, pl 156, figs. 3 & 3*a*, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Kulu, Poona, Nilgiri Hills.

Also recorded from Ceylon.

Family OPHIDERIDÆ.

Genus **Argadesa.**

2474. Argadesa materna.

Phalæna (*Noctua*) *materna*, Linn., Syst. Nat. ii, p. 840, 117, (1767).
——————— Drury, Ins. ii, p. 24, pl. 13, fig. 4, (1773).
——————— Cram., Pap. Exot. ii, pl. 174, fig. B, (1777), & iii, pl. 267, fig. E, (1780).
Noctua materna, Fabr., Sp. Ins. ii, p. 212, No. 16, (1781).
——————— Mant. Ins. ii, 137, No. 20, (1787).
——————— Ent. Syst. iii, 2, p. 16, No. 27, (1794).
Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775).
Rhytia materna, Hübn., Verz. Bek. Schmett, p. 264, No. 2594, (1816).
Triphæa materna, Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
——————— Ed. Drury, ii, 26, pl. 63, fig. 4*.
Ophideres materna, Boisd., Faun. Mad. Lep., p. 100, 2*.
——————— Guén., Noct. iii, p. 113, 1480*.
——————— Walker, Cat. Lep. Het. B. M. xiii, p. 1221, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.
Argadesa materna, Moore, Trans. Zool. Soc. Lond. 1881, p. 74, pl. 12, figs. 4, 4*a*, *b*, *c*, *d*, and pl. xiv, figs. 3 & 3*a*.
——————— Lep. Ceyl. iii, p. 133, pl. 161, fig. 2, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; and 1886, p. 450.

I. M., Barakur. No locality (Karachi Museum).
Collection Swinhoe, Solun, Belgaum, Satara, Mhow, Poona, Bombay, Karachi.
Also recorded from Calcutta, Lucknow, Allahabad, Canara, Madras, Ceylon, Java.

Genus **Othreis.**

2475. Othreis ancilla.

Phalæna (*Noctua*) *ancilla*, Cram., Pap. Exot. ii, pl. 149, fig. F, (1777).
Ophiusa strigata, Donov., Ins., Ind., pl. 54, Fig. 2, (1838).
Othreis homæna, Hübn., Verz. Bek. Schmett, p. 264, No. 2597, (1816).
Ophideres ancilla, Guén., Noct., p. iii, 114, 1482, ♀*.
——————— Walker, Cat. Lep. Het. B. M. xiii, p. 1224, (1857).
Ophideres bilineosa, Walker, Cat. Lep. Het. B. M., p. xiii, 1227, (1857).
Othreis ancilla, Moore, Trans. Zool. Soc. Lond. 1881, p. 67, pl. 12, figs. 2 & 2*a*, pl. 13, figs. 3, 3*a*.
——————— Lep. Ceyl. iii, p. 132, pl. 161, figs. 3, 3*a*, *b*, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Ceylon (Mackwood), Sikkim (purchased), Sylhet, Bombay (Swinhoe).
Collection Swinhoe, Nilgiri Hills, Satara, Bombay, Poona, Ceylon.
Also recorded from Allahabad, Canara.

2476. Othreis cajeta.

Phalæna (*Noctua*) *cajeta*, Cram., Pap. Exot. i, pl. 30, figs. A, B, C (1775), (*nec* Walker).
Corycia cajeta, Hübn., Verz. Bek. Schmett, p. 265, No. 2599, (1816).
Ophideres, cajeta, Guén., Noct. iii, p. 112, 1478, ♂ & ♀*.
——————— Walker, Cat. Lep. Het. xiii, 1223, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

OTHREIS CAJETA—*continued.*

Ophideres multiscripta, Walker, Cat. Lep. Het. B. M. xiii, p. 1226, (1857).
Othreis cajeta, Moore, Trans. Zool. Soc. 1881, p. 67, pl. xiii, figs. 2, 2*a*.
———— Lep. Ceyl. iii, p. 132, pl. 162, figs. 1, 1*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. 1885, p. 463.

I. M., Sibsagar (Peal), Sylhet.
Collection Swinhoe, Belgaum, Ceylon.
Also recorded from Malabar, Madras, Sumatra, Australia, New Hebrides (?), Africa.

2477. OTHREIS FULLONICA.

Phalæna (*Noctua*) *fullonica*, Linn., Syst. Nat. ii, p. 812, 16, (1767).
Phalæna fullonia, Clerck Icones, pl. 48, (1759).
Noctua dioscoreæ, Fabr., Sp. Ins. ii, p. 212, No. 15, (1781).
———— Syst. Ent., p. 593, (1775).
———— Mant. Ins. ii, p. 137, No. 19, (1787).
———— Ent. Syst. iii, 2, p. 16, No. 26, (1794).
Phalæna (*Noctua*) *pomona*, Cram., Pap. Exot. vol. I, pl. 77, fig. C, (1776).
Othreis pomona, Hübn., Verz. Bek. Schmett, p. 264, No. 2596, (1816).
Corycia dioscoreæ, Hübn., Verz. Bek. Schmett, p. 265, No. 2600, (1816).
Ophideres fullonica, Guén., Noct. iii, p. 111, 1477*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1222, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 607.
Ophideres cajeta, Walker, *loc. cit.*, xiii, p. 1223, (1857).
Othreis fullonica, Moore, Trans. Zool. Soc. Lond. 1881, p. 64, pl. 12, figs. 1, 1*a*, and pl. 13, figs. 1, 1*a*.
———— Lep. Ceyl. iii, p. 131, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463, and 1886, p. 450.

I. M., Sibsagar (Peal), Darbhanga (Maries), Kulu (Young), Khasi Hills (Chennel), Andaman Islands (purchased), Sikkim (purchased; also Barnes), Shillong, Buxa (Moti Ram), Cachar (Wood-Mason), Tavoy (Moti Ram).
Collection Swinhoe, Mhow, Sikkim, Bombay, Karachi, Ceylon.
Also recorded from Africa, Australia, New Hebrides, Navigators' Islands, East Indian Islands, Malay.

Genus **Mænas.**

2478. MÆNAS SALAMINIA.

Noctua salaminia, Fabr., Ent. Syst. iii, 2, p. 17, No. 28, (1794).
Phalæna (*Noctua*) *salaminia*, Cramer, Pap. Exot. ii, pl. 174, fig. A, (1777).
Mænas salaminea (sic), Hübn., Verz. Bek. Schmett, p. 264, No. 2592, (1816).
———— Moore, Trans. Zool. Soc. Lond. 1881, p. 71, pl. 12, figs. 3, 3*a*, 3*b*, and pl. 14, fig. 2.
———— Lep. Ceyl. iii, p. 134, pl. 161, figs. 1, 1*a*, 1*b*, (1885).
Ophideres salamina, Guén., Noct. iii, p. 115, 1484*.
Ophideres salaminia, Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Cachar (Wood-Mason), Sikkim (Barnes; also purchased), Sibsagar (Peal), Calcutta, Khasi Hills (Chennel), Cherra, Sylhet, Nicobar Islands (purchased).
Collection Swinhoe, Solun, Sikkim, Ceylon.
Also recorded from Japan, China, Formosa, Singapore, Java, Australia.

Genus **Rhytia.**

2479. RHYTIA COCALE.

Phalæna (*Noctua*) *cocalus*, Cram., Pap. Exot. ii, pl. 134, fig. B, (1777).
Rhytia cocale, Hübn., Verz. Bek. Schmett, p. 264, No. 2593, (1816).
———— Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, figs. 5, 5*a*, and pl. 14, figs. 5, 5*a*.
Ophideres cocalus, Guén., Noct. iii, p. 115, 1485*.
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1225, (1857).
Noctua maculata, Weber, Observ. Ent., p. 111, (1801)*.
Ophideres plana, Walker, *loc. cit.*, xiii, p. 1226, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Java.
Collection Swinhoe, Java.
Also recorded from Coromandel and Sylhet.

2480. RHYTIA HYPERMNESTRA.

Phalæna (*Noctua*) *hypermnestra*, Cram., Pap. Exot. iv, pl. 323, figs. A, B, (1780).
Rhytia hypermnestra, Hübn., Verz. Bek. Schmett, p. 264, No. 2595, (1816).
———— Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, fig. 6, and pl. 14, figs. 4, 4*a*.
———— Lep. Ceyl. iii, p. 135, pl. 162, figs. 3, 3*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.
Ophideres hypermnestra, Guén., Noct. iii, p. 116, 1486*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608.
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

I. M., Sylhet, Sikkim (purchased), Andaman Islands (purchased), Tavoy (Moti Ram).
Collection Swinhoe, Malabar, Poona, Belgaum, Sikkim, Ceylon.
Also recorded from Canara, Nilgiri Hills, Khasi Hills, Moulmein.

Genus **Khadira.**

2481. KHADIRA AURANTIA.

Ophideres aurantia, Moore, Proc. Zool. Soc. Lond. 1877, p. 607.
Khadira aurantia, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 4.
Collection Swinhoe, Andaman Islands.

Genus **Adris.**

2482. ADRIS RUTILUS.

Adris rutilus, Moore, Trans. Zool. Soc. Lond. 1881, p. 70.
———— Lep. Ceyl. iii, p. 136, pl. 162, figs. 2, 2*a*, (1885).

Ceylon.

2483. ADRIS TYRANNUS.

Ophideres tyrannus, Guén., Noct. iii, 110, 1476.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1224, (1857).
Adris tyrannus, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 5.

I. M., Sikkim (purchased), Kulu (Young).
Collection Swinhoe, Sikkim.
Also recorded from Simla, Bombay, Shanghai, Japan.

Genus **Purbia.**

2484. PURBIA DISCREPANS.

Ophideres discrepans, Walker, Cat. Lep. Het. B. M., xiii, p. 1227, (1857).
Ophideres archon, Felder & R,, Reise der Novara Lep., pl. 113, fig. 3, (1864-75).
Purbia discrepans, Moore, Trans. Zool.Soc. Lond. 1881, p. 71, pl. 14, fig. 1.
I. M., Sibsagar (Peal).
Also recorded from Malabar, Siam, Singapore, Java.

Genus **Phyllodes.**

2485. PHYLLODES CONSOBRINA.

Phyllodes consobrina, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 2, (1848).
———— Walker, Cat. Lep. Het. B. M., p. xiii, 1232, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608.
Bombyx conspicillator, Fabr., (*nec* Cramer), Ent. Syst. iii, p 412, No. 14, (1793).
Phyllodes perspicillator, Guén., Noct. iii, 120, 149a*.
I. M., Sibsagar (Peal), Sikkim (purchased), Sylhet.
Collection Swinhoe, Sylhet.
Also recorded from the Andaman Islands.

2486. PHYLLODES FASCIATA.

Phyllodes fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
I. M., Sikkim (purchased; also Barnes), Sibsagar (Peal).
Collection Swinhoe, Sikkim.

2487. PHYLLODES MALIGERA.

Phyllodes maligera, Butler, Ent. Monthly Mag. xx, p. 138, (1883).
———— Moore, Lep. Ceyl. iii, p. 137, pl. 163, figs. 2, 2*a*, (1885).
Ceylon.

2488. PHYLLODES ORNATA.

Phyllodes ornata, Moore, Descr. Ind. Lep. Atk. ii, p. 166, (1882).
I. M., Cherra, Sikkim (purchased; also Barnes).
Collection Swinhoe, Sikkim.

2489. PHYLLODES ROSEIGERA.

Phyllodes roseigera, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.
Allied to *P. consobrina*.

2490. Phyllodes ustulata.

Phyllodes ustulata, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 1, (1884).
——————Walker, Cat. Lep. Het. B. M., xiii, p. 1233, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 68.
Phyllodes despicillator, Guén., Noct. iii, p. 122, 1497*.

I. M., Sikkim (purchased; also Barnes).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

2491. Phyllodes verhuellii.

Phyllodes verhuellii, Voll., Tijd. voor Ent. i, p. 166, pl. 8*.
—————— Moore, Journ. As. Soc. Beng., vol. lv., pt. 2, p. 100, (1886).

I. M., Tavoy (Moti Ram).

Genus **Ischyja.**

2492. Ischyja manlia.

Phalæna (Noctua) manlia, Cram., Pap. Exot. i, pl. 92, fig. A, (1776).
Noctua manlia, Fabr., Ent. Syst. iii, 2, p. 28, No. 65, (1794).
Ischyja manlia, Hübn., Verz. Bek. Schmett. p. 265, No. 2602, (1816).
—————— Moore, Lep. Ceyl. iii, p. 138, pl 163, figs. 1, 1*a*, 1*b*, (1885).
Potamophora manlia, Guén., Noct. iii, p. 123, (1852)*.
——————Walker, Cat. Lep. Het. B. M.,xiii, p. 1234, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 69; 1877, 608; and 1878, p. 848.
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Perak (purchased), Sikkim (purchased), Buxa (Moti Ram), Kulu (Young), Tavoy (Moti Ram), Mussoorie (Templeton), Java (DeNiceville).
Collection Swinhoe, Sikkim, Dharmsala, Khandalla, Bombay, Ceylon.
Also recorded from Andaman Islands, Borneo, Philippine Islands, and China.

Genus **Lygniodes.**

2493. Lygniodes ciliata.

Lygniodes ciliata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

Bengal.

2494. Lygniodes endoleuca.

Lygniodes endoleuca, Guén., Noct. iii, 124*.
—————— Walker, Cat. Lep. Het. B. M., xiii, p. 1235, (1857).

Java, Mount Ophir.

2495. Lygniodes hypoleuca.

Lygniodes hypoleuca, Guén., Noct. iii, 125, 1500*.
——————Walker, Cat. Lep. Het. xiii, p. 1236, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
——————Butler, Ann. N. H. (5) xvi, p. 347, (1885).

I. M., Sylhet, Sibsagar (Peal), Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased).
Collection Swinhoe, Sylhet, and the Nilgiri Hills.

2496. LYGNIODES REDUCENS.

Lygniodes reducens, Walker, Cat. Lep. Het. B. M. xiii, p. 1236, (1857)
Lygniodes disparans, Walker, *loc. cit.* xv, p. 1817, (1858).
Agonista reducens, Moore, Lep. Ceyl. iii, p. 140, pl. 163, figs. 3, 3*a*, (1885).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

FAMILY EREBIIDÆ.

Genus Oxyodes.

2497. OXYODES SCROBICULATA.

Noctua scrobiculata, Fabr., Sp. Ins. ii, p. 212, No. 14, (1781).
———————— Mant. Ins. ii, p. 137, No. 18, (1787).
Phalæna (*Noctua*) *scrobiculata*, Gmel., Ed. Syst. Nat. i, 5, p. 2531, 980.*
Phalæna (*Noctua*) *clytia*, Cram., Pap. Exot. iv, pl. 399, fig. G, (1782).
Oxyodes clytia, Guén., Noct. iii, p. 128, 1501.*
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1239, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
Oxyodes scrobiculata, Moore, Lep. Ceyl. iii, p. 141, pl. 164, fig. 1, (1885).

Collection Swinhoe, Sylhet, Ceylon.

Genus Sypna.

2498. SYPNA ALBILINEA.

Sypna albilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1261, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
———————— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
———————— Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 1, (1886).

Sylhet.

2499. SYPNA ALBOVITTATA.

Sypna albovittata, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 26, (1882).

Sikkim.
Allied to *S. tenebrosa*.

2500. SYPNA APICALIS.

Sypna apicalis, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.
———————— Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 6, (1886).
———————— Moore, Journ. As. Soc. Beng. vol. lv, pt. 2, p. 100, (1886).

I M., Tavoy (Moti Ram).
Also recorded from Sikkim.

2501. SYPNA BIOCULARIS.

Tavia biocularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
Sypna biocularis, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Collection Swinhoe, Sikkim, Nilgiri Hills.
Closely allied to *S. caliginosa*.

2502. Sypna brunnea.

Sypna brunnea, Moore, Descr. Ind. Lep. Atk. ii, p. 167, (1882).
———— Waterhouse, Aid. II, pl. 159, fig. 3.*

Collection Swinhoe, Solun.
Also recorded from Sikkim.
Allied to *S. cyanivitta*.

2503. Sypna caliginosa.

Tavia caliginosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 940, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
Sypna caliginosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Sikkim.

2504. Sypna catocaloides.

Tavia catocaloides, Moore, Proc. Zool. Soc. Lond. 1867, p. 71. pl. 7, fig. .
Sypna catocaloides, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2505. Sypna cœlisparsa.

Sypna cœlisparsa, Walker, Cat. Lep. Het. B. M., xiv. p. 1262, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
———— Butler, Trans. Ent. Soc. Lond. 1881, p. 204.
———— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 4, (1886).

Assam.

2506. Sypna constellata.

Sypna constellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
———— Waterhouse, Aid. II, pl. 159, fig. 1, (1885).*

Collection Swinhoe, Dharmsala.

2507. Sypna curvilinea.

Sypna curvilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 69, pl. 6, fig. 4.
———— Butler, Trans. Ent. Soc. Lond. 1881, p. 208.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2508. Sypna cyanivitta.

Sypna cyanivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
———— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
———— Proc. Zool. Lond. 1883, p. 164.
———— Waterhouse, Aid. ii, 159, fig. 4, (1885).*

Sikkim, Solun.

2509. SYPNA DUBITARIA.

Tavia dubitaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 939, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
Sypna dubitaria, Butler, Trans. Ent. Soc. Lond. 1881, p. 203.

I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Kasauli, Sikkim.

2510. SYPNA FLOCCOSA.

Sypna floccosa, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 23, (1882).

Sikkim.
Allied to *S. replicata*.

2511. SYPNA FRATERNA.

Sypna fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Sikkim.
Allied to *S. curvilinea*.

2512. SYPNA KIRBYI.

Sypna kirbyi, Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
——————— Waterhouse, Aid. ii, pl. 159, fig. 5, (1885).*

I. M., Sikkim (purchased), Kulu (Young).
Collection Swinhoe, Sikkim.

2513. SYPNA LUCILLA.

Sypna lucilla, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.
——————— Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 8, (1886).

Sikkim.

2514. SYPNA MOOREI.

Sypna moorei, Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
——————— Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 2, (1886).

I. M., Sikkim (Barnes; also purchased).
Collection Swinhoe, Assam.
Also recorded from Shillong.
Allied to *S. rectilinea*.

2515. SYPNA MORMOIDES.

Sypna mormoides Butler, Trans. Ent. Soc. Lond. 1881, p. 202.
——————— Ill. Typ. Lep. Het. vi, p. 40, pl. 111, fig. 2, (1886).

Sikkim.

2516. SYPNA OBSCURATA.

Sypna obscurata, Butler, Trans. Ent. Soc. Lond. 1881, p. 207.
——————— Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 9, (1886).

Collection Swinhoe, Sikkim.
Also recorded from Shillong.

2517. Sypna omicronigera.

Sypna omicronigera, Guén., Noct. iii, p. 145, No. 1530, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1260, (1858).
——————— Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

Shillong, Sikkim, Central India.

2518. Sypna pannosa.

Sypna pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 12 (1882).

I. M., Kulu (Young).
Collection Swinhoe, Solun.
Also recorded from the Khasi Hills.

2519. Sypna plana.

Sypna plana, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 24, (1882).

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Cherrapunji.

2520. Sypna prunosa.

Sypna prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
——————— Waterhouse, Aid. ii, pl. 159, fig. 6, (1885).*

Sikkim.
Allied to *S. moorei*.

2521. Sypna pulchra.

Sypna pulchra, Butler, Trans. Ent. Soc. Lond. 1881, p. 208.
——————— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 5, (1886)

Sikkim.

2522. Sypna punctosa.

Tavia punctosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 939, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
Sypna punctosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.
——————— Proc. Zool. Soc. Lond. 1883, p. 164.

Shillong, Solun.

2523. Sypna rectilinea.

Sypna rectilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
——————— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
Tavia albilinea, Walker, Cat. Lep. Het. B. M. xxxiii, p. 940, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.

2524. SYPNA RENISIGNA.

Sypna renisigna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
——————— Waterhouse, Aid. ii, pl. 160, fig. 4, (1885).*

Khasi Hills.

2525. SYPNA REPLICATA.

Elpia replicata, Felder & R. Reise, Novara Lep., pl. 117, fig. 25, (1864-75).
Sypna replicata, Moore, Descr. Ind. Lep. Atk. ii, p. 167, (1882).

Sikkim.

2526. SYPNA RUBRIFASCIA.

Sypna rubrifascia, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

Sikkim.

2527. SYPNA SUBMARGINATA.

Tavia submarginata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 941, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
Sypna submarginata, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

I. M., Sikkim (Barnes).
Collection Swinhoe, Simla, Sikkim.

2528. SYPNA TENEBROSA.

Sypna tenebrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 203.
——————— Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 7, (1886).

Sikkim.

2529. SYPNA UMBROSA.

Sypna umbrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.
——————— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 3, (1886).

Shillong.

Genus **Anisoneura**.

2530. ANISONEURA HYPOCYANA.

Anisoneura hypocyana, Guén., Noct. iii, 162, 1553.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1286, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

I. M., Sikkim (Barnes; also purchased), Shillong, Cachar, Khasi Hills (purchased).
Collection Swinhoe, Solun, Sikkim.
Also recorded from Sylhet.

2531. ANISONEURA SALEBROSA.

Anisoneura salebrosa, Guén., Noct. iii, 161, 1552.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1285, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Poona, Sylhet.

Family OMMATOPHORIDÆ.

Genus Patula.

2532. Patula bcopis.

Patula boopis, Guén., Noct. iii, 178, 1560.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1301, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.
Closely allied to *P. macrops*.

2533. Patula macrops.

Phalæna (attacus) macrops, Linn., Syst. Nat., 12th ed., iii, p. 225, (1768).*
———— Cram., Pap. Exot. ii, p. 114, pl. 171, figs. A, B, (1777).
Noctua bubo, Fabr., Sp. Ins. ii, p. 209, No. 3, (1781).
———— Mant. Ins. ii, p. 135, No. 3, (1787).
———— Ent. Syst. iii, 2, p. 9, No. 4, (1794).
Erebus macrops, Donov., Ins. China, p. 80, pl. 44, fig. 1, (1842).
———— Sulzer, Ins., p. 160, pl. 22, fig. 2.*
Argiva macrops, Hübn., Verz Bek. Schmett, p. 272, No. 2679, (1816).
Erebus bubo, Boisd., Faune Ent. Mad. Lep., 110, 1.*
Patula macrops, Guén., Noct. iii, p. 177, 1568.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1300, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100, (1886).
———— Lep. Ceyl. iii, p. 145, pl. 164, fig. 5, (1885).
———— Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 462.

I. M, Tavoy (Moti Ram), Shillong, Sylhet, Buxa (Moti Ram), Darbhangah (Maries), Sibsagar (Peal), Khasi Hills, Sikkim (Barnes).
Collection Swinhoe, Kasauli, Deesa, Nilgiri Hills, Sikkim, Mhow, Bombay, Sholapore, Karachi.
Also recorded from Ceylon, Madagascar, South Africa.

Genus Argiva.

2534. Argiva caprimulgus.

Noctua caprimulgus, Fabr., Sp. Ins. ii, 210, No. 6, (1781).
———— Mant. Ins. ii, 135, No. 6, (1787).
———— Ent. Syst. iii, 2, p. 10, No. 7, (1794).
Phalæna caprimulgus, Gmel., Ed. Syst. Nat. i, 5, 2529, 965.*
Argiva crepuscularis, Guén., Noct. iii, 180, 1571.*
Argiva caprimulgus, Walker, Cat. Lep. Het., xiv, p. 1302 (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Proc. Zool. Lond. 1878, p. 848.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Khandalla, Nilgiri Hills.
Also recorded from Upper Tenasserim and Sylhet.

2535. Argiva hieroglyphica.

Phalæna (Noctua) hieroglyphica, Drury. Ins. Exot. ii, p. 3, pl. ii, fig. 1, (1773).
Noctua hieroglyphica, Fabr., Ent. Syst. iii, 2, p. 11, No. 10, (1794).

ARGIVA HIEROGLYPHICA—*continued.*

Phalæna (*Noctua*) *mygdonia*, Cram., Pap. Exot. ii, pl. 174, fig. F (1777).
Phalæna (*Noctua*) *hermonia*, Cram., *loc. cit.*, pl. 174, fig. E, (1777).
Noctua ulula, Fabr., Sp. Ins. ii, p. 211, No. 9, (1781).
——————— Mant. Ins. ii, p. 136, No. 9, (1787).
——————— Ent. Syst. iii, 2, p. 11, No. 11, (1794).
Erebus hieroglyphicus, Westw., Ed. Drury ii, 3, pl. 2, fig. 1.*
——————— Donovan, Ins. Ind., p. 85, pl. 54, fig. 3, (1833).
Erebus hermonia, Boisd., Faune Ent. Madag. Lep. iii, 4.*
Argiva hermonia, Hübn., Verz. Bek. Schmett, p. 272, No. 2678, (1816).
Argiva hieroglyphica, Hübn., *loc. cit.*, p. 272, No. 2677, (1816).
——————— Guén., Noct. iii, p. 179, 1570.*
——————— Walker, Cat. Lep. Het. B. M., xiv., p. 1302, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; 1877, p. 608; and 1878, p. 848.
——————— Lep. Ceyl. iii, p. 146, pl. 165, figs. 22*a*, (1885).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Mergui (Anderson), Sylhet, Buxa (Moti Ram), Sikkim (Barnes), Calcutta (Baxter), Ceylon (Mackwood), Tavoy (Moti Ram), Sibsagar, Khasi Hills.
Collection Swinhoe, Pegu, Sikkim, Deesa, Bombay, Belgaum, Nilgiri Hills.
Also recorded from Andaman Islands and Madagascar.

2536. ARGIVA STRIGIPENNIS.

Argiva strigipennis, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Khasi Hills.
Allied to *A. hieroglyphica*.

Genus **Nyctipao.**

2537. NYCTIPAO ALBICINCTA.

Erebus albicinctus, Kollar, Hüg. Kasch. iv, p. 474, pl. 22, (1848).
Erebus rivularis, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 3, (1848).
Nyctipao rivularis, Guén., Noct. iii, 182, (1573).*
Nyctipao albicincta, Walker, Cat. Lep. Het. B. M., xiv p. 1304, (1858).

I. M., Sikkim, Khasi Hills (Chennel), Cherra, Shillong.
Collection Swinhoe, Solun, Nilgiri Hills.
Also recorded from Sylhet.

2538. NYCTIPAO CONTURBANS.

Nyctipao conturbans, Walker, Cat. Lep. Het. B. M., xiv, p. 1308, (1858).

India.

2539. NYCTIPAO CREPUSCULARIS.

Phalæna crepuscularis, Linn., Syst. Nat. x, p. 509.*
Phalæna (*Noctua*) *crepuscularis*, Linn., Mus. Lud. Ulr., p. 378, No. 13, (1764).
——————— Drury, Exot. Ins. i, p. 39, pl. 20, figs. 1, 2, (1770).
——————— Cram., Pap. Exot. ii, pl. 159, fig. A, (1777).

NYCTIPAO CREPUSCULARIS—*continued.*

Phalæna (Noctua) crepuscularis, Clerck, Icones, pl. 53, (1759).
Noctua crepuscularis, Fabr., Sp. Ins. ii, p. 211, No. 11, (1781).
——————— Mant. Ins. ii, p. 136, No. 12, (1787).
——————— Ent. Syst. iii, 2, p. 13, No. 17, (1794).
Nyctipao ephesperis, Hübn., Verz. Bek. Schmett, p. 272, No. 2675, (1816).
Erebus crepuscularis, Boisd., Faun. Ent. Madag. iii, 2.*
——————— Duncan, Exot. Moths. p. 196, pl. 25, fig. 1.*
——————— Koll. Hügel, Kaschmir, vol. iv, p. 475, (1848).
——————— Westw., Ed. Drury i, 37, pl. 20, figs. 1, 2.*
——————— Nat. Libr. xxxvii, Exot. Moths, p. 196, pl. 25, fig. 1.*
Nyctipao crepuscularis, Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; 1877, p. 608; and 1878, p. 849.
——————— Guén., Noct. iii, p. 182.*
——————— Moore, Lep. Ceyl. iii, p. 148, pl. 165, figs. 1, 1*a*, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.
Nyctipao lætitia, Butler, Ill. Typ Lep. Het. iii, p. 26, pl. 47, fig. 9, (1879).
——————— Ann. Mag. Nat. Hist. (5) v, p. 225, (1880).

1. M., Java (De Niceville), Belgaum (Swinhoe), Simla, Cherra, Sikkim (purchased), Tavoy (Moti Ram), Sylhet, Cachar (Wood-Mason), Kulu (Young), Mergui (Anderson), Sibsagar (Peal), Andaman Islands (purchased).

Collection Swinhoe, Belgaum, Sikkim, Kasauli, Simla, Nilgiri Hills.

Also recorded from Ceylon, Madagascar, Java, and Japan.

2540. NYCTIPAO EXTERIOR.

Nyctipao exterior, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 3, (1886).
——————— Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100, (1886).
Nyctipao obliterans, Walker, *loc. cit.*, p. 1307, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

I.M., Cachar (Wood-Mason), Sylhet, Buxa (Moti Ram), Sibsagar (Peal), Tavoy (Moti Ram), Sikkim (Barnes; also purchased).

Collection (Swinhoe), Sylhet, Nilgiri Hills.

Also recorded from Tenasserim.

2541. NYCTIPAO GEMMANS.

Nyctipao gemmans, Guén., Noct. iii, 182, 1572.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.

2542. NYCTIPAO GLAUCOPIS.

Nyctipao glaucopis, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 4, (1886).

I. M., Sikkim (Barnes), Mussoorie (Templeton), Cherra.

Collection Swinhoe, Solun.

Also recorded from Sylhet.

2543. NYCTIPAO PRUNOSA.

Nyctipao prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.

North-Western Himalayas.
Allied to *N. glaucopis*.

2544. NYCTIPAO TRUNCATA.

Nyctipao truncata, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.

Andaman Islands.

Genus **Ommatophora.**

2545. OMMATOPHORA LUMINOSA.

Phalæna luminosa, Cram., Pap. Exot. iii, pl. 274, fig. D., (1780).
Speiredonia luminosa, Hübn., Verz. Bek. Schmett, p. 272, No. 2686, (1816).
Ommatophora luminosa, Guén., Noct. iii, 190, 1586.*
———— Walker, Cat. Lep. Het. B.M., xiv, p. 1313, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

I. M., Sylhet, Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Java and the Philippine Islands.

Genus **Entomogramma.**

2546. ENTOMOGRAMMA ANTICA.

Remigia antica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1016, (1865).

Collection Swinhoe, India.
Recorded from South India.

2547. ENTOMOGRAMMA DECORA.

Remigia decora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1015, (1865).

Collection Swinhoe, Nilgiri Hills.

2548. ENTOMOGRAMMA FAUTRIX.

Entomogramma fautrix, Guén., Noct. iii, (vii?) 204, ♂, 1604.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1331, (1858).
———— Felder & R. Reise, Novara Lep., pl. 115, fig. 5, (1864-75).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73; 1877, p. 609; and 1878, p. 849.

I. M., Sibsagar, Sikkim (purchased), Andaman Islands (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Andaman Islands, Nilgiri Hills.
Also recorded from Ceylon, Upper Tenasserim, and Java.

2549. ENTOMOGRAMMA POSTSTRIGARIA.

Entomogramma poststrigaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 949, (1865).
———— Moore, Lep. Ceyl. iii, p. 153, (1885).

Ceylon.

2550. ENTOMOGRAMMA TORSA.

Entomogramma torsa, Guén., Noct. iii, p. 204, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1331, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and 1886, p. 449.
Entomogramma squamicornis, Felder & R. Reise, Novara Lep. iv, pl. 115, fig. 3, (1864-75).
Turamina torsa, Moore, Lep. Ceyl. iii, p. 153, pl. 166, fig. 2, (1885).

Collection Swinhoe, Mhow, Bombay, Poona.
Also recorded from Ceylon and Java.

Genus **Homæa.**

2551. HOMÆA CLATHRUM.

Homæa clathrum, Guén., Noct. iii, 207, 1607*.
———— Walker, Cat. Lep. Het B. M., xiv, p. 1334, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and 1886, p. 449.

Collection Swinhoe, Bombay, Mhow.
Also recorded from Nepal.

Genus **Speiredonia.**

2552. SPEIREDONIA FEDUCIA.

Phalæna (*Noctua*) *feducia*, Stoll. Cram, Pap. Exot. Suppl., pl. 36, fig. 3, (1790).
Speiredonia feducia, Hübn., Verz. Bek. Schmett, p. 272, No. 2685, (1816).
———— Guén., Noct. iii, p. 171*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1292, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
———— Lep. Ceyl, iii, p. 143, pl. 164, fig. 2, (1885).

Sylhet, Ceylon.

2553. SPEIREDONIA RETRAHENS.

Speiredonia retrahens, Walker, Cat. Lep. Het. B. M., xiv, p. 1294, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608.
———— Lep. Ceyl. iii, p. 142, pl. 164, figs. 4 & 6, (1885).
Sericia parvipennis, Walker, *loc. cit.*, p. 1297, (1858).
Ommatophora albifascia, Walker, *loc. cit.*, xxxiii, p. 947, (1865).
Speiredonia conspicua, Felder & R. Reise, Novara Lep., pl. 113, fig. 7, (1864-75).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
Speiredonia retrahens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Calcutta (De Niceville).
Collection Swinhoe, Poona, Ceylon.
Also recorded from the Andaman Islands, and Java.

2554. SPEIREDONIA ZAMIS.

Phalæna (*Noctua*) *zamis*, Stoll.-Cram., Pap. Exot. 162, pl. 36, fig. 11, (1790).
Speiredonia zamis, Guén., Noct. iii, p. 171, 1561*.
———— Walker, Cat. Lep. Het. xiv, p. 1293, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Lep. Ceyl. iii, p. 143, pl. 164, fig. 3, (1885).

Tranquebar, Sylhet, Ceylon.

Genus **Sericia.**

2555. SERICIA ANOPS.

Sericia anops, Guén., Noct. iii, p. 173, 1564, (1852)*.
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1296 (1858).
——————— Moore, Lep. Ceyl. iii, p. 144, pl. 164. fig. 7, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Ceylon (Colombo Museum), Andaman Islands (purchased).
Collection Swinhoe, Khandalla, Belgaum.
Also recorded from Australia.

2556. SERICIA CALAMISTRATA.

Sericia calamistrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.

Andaman Islands.
Allied to *S. substruens*, Walk.

2557. SERICIA SUBSTRUENS.

Tavia substruens, Walker, Cat. Lep. Het. B. M., xiv, 3. p. 1276, (1858).
——————— Moore, Proc. Zool. Soc, Lond. 1867, p. 70; and 1877, p. 608.

I. M., Cachar (Wood-Mason), Nicobar Islands (DeNiceville), Sind (Karachi Museum), Sikkim (purchased), Andaman Islands (purchased).
Collection Swinhoe, Sylhet.

FAMILY HYPOPYRIDÆ.

Genus **Spiramia.**

2558. SPIRAMIA COHÆRENS.

Spiramia cohærens, Walker, Cat. Lep. Het. B. M. xiv, p. 1321, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608.
——————— Lep. Ceyl. iii, p. 149, pl. 165, figs. 3, 3*a*, (1885).

Collection Swinhoe, Solun, Sikkim, Nilgiri Hills, Ceylon.
Also recorded from the Andaman Islands.

2559. SPIRAMIA HELICINA.

Speiredonia helicina, Hübn., Zütr. Samml. Exot. Schmett iii, 14, 219, figs. 437-38, (1825)*.
Spiramia helicina, Guèn., Noct. iii, p. 197, 1594, (1852*).
——————— Moore, Lep. Ceyl. iii, p. 150, pl. 165, figs. 4, 4*a*, (1885).
——————— Proc. Zool. Soc. Lond. 1867, p. 72; and 1878, p. 849.
——————— Walker, Cat. Lep. Het., xiv, p. 1320, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; and 1886, p. 450.

I. M., Sibsagar, Buxa (Moti Ram), Ceylon (Colombo Museum), Shillong, Naga Hills, Kulu (Young), Simla, Cachar (Wood-Mason), Ranchi (Irvine), Mussoorie (Templeton).
Collection Swinhoe, Poona, Bombay, Belgaum, Satara, Mhow.

2560. Spiramia modesta.

Spirama modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 168, (1882).

Sylhet, Sikkim.
Allied to *S.* (*Hypopyra*) *mollis* of Java.

2561. Spiramia retorta.

Phalæna retorta, Linn., Mus. Lud. Ulr. ii.
———— Clerck, Icon. ii, pl. 54, fig. 2, (1759).
———— Cram., Pap. Exot. ii, pl. 116, fig. D, (1777); and iii, pl. 274, fig. A, (1780).
Noctua spiralis, Fabr., Sp. Ins. ii, p. 211, No. 10, (1781).
———— Mant. Ins. ii, p. 136, No. 11, (1787).
Phalæna spiralis, Gmel., Ed. Syst. Nat. i, 5, 2530, 973*.
Speiredonia retorta, Hübn., Verz. Bek. Schmett, p. 272, No. 2682, (1816).
Erebus retorta, Koll., Hüg. Kasch. iv, p. 475, (1848).
Speiramia suffumosa, Guén., Noct. iii, p. 195, 1590*.
Spirama remota, Felder, Sitzb. Akad. Wiss. Wien, M. N. Cl. B, 43, p. 43, No. 104* (?).
var. (?) *Erebus chimista*, Koll., Hüg. Kaschmir, iv, p. 475, (1848).
Speiramia retorta, Guén., Noct. iii, p. 198, 1593*.
———— Walker, Cat. Lep. Het., xiv, p. 1319, (1858).
Spirama retorta, Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, (5), p. 153, (1882).
———— Butler, Ann. Mag. N. H. (5), xvi, p. 347, (1885).

Collection Swinhoe, North India.
Also recorded from Hongkong.

2562. Spiramia triloba.

Spiramia triloba, Guén., Noct. iii, 197, 1595*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1321, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
Hypopyra mollis, Guén., *loc. cit.*, p. 198*.

Java, Ceylon, Sylhet.

Genus **Hypopyra.**

2563. Hypopyra distans.

Hypopyra distans, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882).

Bombay.

2564. Hypopyra feniseca.

Hypopyra feniseca, Guén., Noct. iii, 200, 1599*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1327, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Collection Swinhoe, Solun.
Also recorded from Sylhet.

2565. Hypopyra ossigera.

Hypopyra ossigera, Guén., Noct. iii, 201, 1600*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1327, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar, Sikkim (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sikkim.

2566. HYPOPYRA PALLIDA.

Hypopyra pallida, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.
——————— Lep. Ceyl. iii, p. 151, pl. 166, figs. 1, 1*a*, (1885).

I. M., Ceylon (Colombo Museum).
Allied to *H. vespertilio*.

2567. HYPOPYRA PANDIA.

Hypopyra pandia, Felder & R. Reise, Novara, pl. 115, fig. 12, (1864-75).
India.

2568. HYPOPYRA PERSIMILIS.

Hypopyra persimilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
Andaman Islands.
Allied to *H. ossigera*.

2569. HYPOPYRA PUDENS.

Hypopyra pudens, Walker, Cat. Lep. Het. B. M., xiv, p. 1329, (1858).
India.

2570. HYPOPYRA SHIVA.

Hypopyra shiva, Guén., Noct. iii, 199, 1597*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).
Collection Swinhoe, Sikkim.

2571. HYPOPYRA UNISTRIGATA.

Hypopyra unistrigata, Guén., Noct. iii, 201, 1601*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1327, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
Maxula idonea, Walker, *loc. cit.*, and xxxiii, p. 1096, (1865).
Angerona poeusaria, Walker, *loc. cit.*, xx, p. 243, (1860).
I. M., Sibsagar, Sylhet, Sikkim.
Collection Swinhoe, Sylhet.

2572. HYPOPYRA VESPERTILIO.

Noctua vespertilio, Fabr., Mant. Ins. ii, p. 136, No. 16, (1787).
——————— Ent. Syst. iii, 2, p. 15, No. 23, (1794).
Phalæna vespertilio, Gmel., Ed. Syst. Nat. i, 5, 2531, 977*.
Hypopyra vespertilio, Guén., Noct. iii, 199, 1598*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sikkim (purchased; also Barnes), Andaman Islands (purchased), Buxa (Moti Ram), Sibsagar (Peal), Kulu (Young).
Collection Swinhoe, Solun, Poona, Sikkim, Nilgiri Hills.
Also recorded from Tranquebar, Ceylon, and China.

Genus **Cyclodes.**

2573. CYCLODES OMMA.

Noctua omma, Van der v. Hœven, Descr. de Lep. Nouv. v, pl. 7, figs. *a*, *b**.
Erebus omma, Van der v. Hœven, Tijd. Voor. Nat. Gesch. vii, p. 281, pl. 7, figs. 7, *a*, *b*, (1840).*
Cyclodes omma, Guén., Noct. iii, p. 27, 1353, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1085, (1858).
———— Moore, Lep. Ceyl. iii, p. 152, pl. 160, fig. 7, (1885).
Beregra replenens, Walker, *loc. cit.* xiv, p. 1315, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sibsagar.
Also recorded from Sylhet, Ceylon, and Java.

Genus **Ortospana.**

2574. ORTOSPANA CONNECTENS.

Ortospana connectens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 950, (1865).
———— Moore, Lep. Ceyl. iii, p. 154, (1885).

Ceylon.

FAMILY BENDIDÆ.

Genus **Hulodes.**

2575. HULODES CARANEA.

Phalæna (*Noctua*) *caranea*, Cram., Pap. Exot. iii, pl. 269, figs. E, F, (1780).
Bendis caranea, Hübn., Verz. Bek. Schmett., p. 269, No. 2650, (1816).
Hulodes caranea, Guén., Noct. iii, p. 208, 1608*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1335, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
———— Lep. Ceyl. iii, p. 155, pl. 166, figs. 3, 3*a*, and pl. 167, fig. 6, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Cachar (Wood-Mason), Shillong, Sibsagar (Peal), Sikkim (purchased), Kulu (Young), Buxa (Moti Ram).
Collection Swinhoe, Satara, Poona, Bombay, Nilgiri Hills, Ceylon.
Also recorded from Java.

2576. HULODES RESTORANS.

Hypopyra restorans, Walker, Cat. Lep. Het. B. M., xiv, p. 1328, (1858).
Hulodes (?) *drylla*, Guén., Noct. iii, p. 209, pl. 24, fig. 10*.
Hulodes restorens (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Ranchi (Irvine), Manbhum (Beavan), Calcutta, Perak (purchased).
Collection Swinhoe, Sylhet.

2577. HULODES SATURNIOIDES.

Hulodes saturnioides, Guén., Noct. iii, 209, 1610*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858).

India.

Genus **Hamodes.**

2578. HAMODES ATTACICOLA.

Ophisma attacicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1383, (1858).
Hamodes attacicola, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

Collection Swinhoe, Jacobabad (Sind), Bombay.

2579. HAMODES AURANTIACA.

Hamodes aurantiaca, Guén., Noct. iii, 203, 1603*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1330, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Sylhet, Karachi.

2580. HAMODES DISCISTRIGA.

Hypernaria discistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
Hamodes discistriga, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sibsagar (Peal), Sikkim (purchased), Ranchi (Irvine).
Collection Swinhoe, Bombay.
Also recorded from the Andaman Islands.

2581. HAMODES MARGINATA.

Hamodes marginata, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882).

Sikkim.

FAMILY OPHIUSIDÆ.

Genus **Melipotis.**

2582. MELIPOTIS COSTIPANNOSA.

Melipotis costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. 5, fig. 8, (1882).

Sikkim.

2583. MELIPOTIS CYLLARIA.

Phalæna (*Noctua*) *cyllaria*, Cram., Pap. Exot. iii, pl. 251, figs. C, D, (1779).
Melipotis cyllaris, (sic), Hübn., Verz. Bek. Schmett., p. 260, No. 2558, (1816).
Melipotis cyllaria, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 3, (1885).
Achæa cyllaria, Guén., Noct. iii, p. 249, 1670*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).
Ercheia cyllaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

I. M., Sikkim (purchased), Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Nilgiri Hills, Poona, Bombay.
Also recorded from Coromandel, Ceylon.

2584. Melipotis cyllota.

Achæa cyllota, Guén., Noct. iii, p. 248, 1669, (1852)*.
——— Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).
Achæa signivitta, Walker, *loc. cit.* xiv, p. 1398, (1858).
Melipotis cyllota, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 2, (1885).
Ercheia cyllota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.
Also recorded from Ceylon, Borneo.

2585. Melipotis diversipennis.

Ercheia diversipennis, Walker, Cat. Lep. Het. B. M., xiii, p. 1108, (1857).
——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412.
Melipotis ambidens, Felder & R. Reise, Novara Lep. iv, pl. 116, fig. 9, (1864—75).
Melipotis diversipennis, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 1, (1885).

Ceylon, Mhow.

2586. Melipotis fusifera.

Achæa fusifera, Walker, Cat. Lep. Het. B M., xiv, p. 1398, (1858).
Melipotis fusifera, Moore, Lep. Ceyl. iii, p. 116, (1885).

Ceylon, Sumatra.

2587. Melipotis pannosa.

Erchera pannosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
Melipotis pannosa, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 4, (1885).

Ceylon, South India.
Allied to *E. costipannosa*.

2588. Melipotis strigipennis.

Melipotis strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).

Sikkim.
Allied to *M.* (*Ercheia*) *umbrosa*, of Japan.

2589. Melipotis tenebrosa.

Ercheia tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 66; and 1877, p. 606.

Bengal, Andaman Islands.

2590 Melipotis uniformis.

Ercheia uniformis, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

South India.

2591. Melipotis zura.

Ercheia zura, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.

2592. MELIPOTIS ZYGIA.

Ercheia zygia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Poona.

Genus **Sphingomorpha.**

2593. SPHINGOMORPHA CHLOREA.

Phalæna (Noctua) chlorea, Cram., Pap. Exot. ii, pl. 104, fig. C, (1777).
Sphingomorpha chlorea, Guén., Noct. iii, p. 222, 1626, (1852)*.
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1345, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 414, pl. 15, figs. 7, 7*a*.
——————— Moore, Lep. Ceyl. iii, p. 157, pl. 167, fig. 4, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, and 1886, p. 450.
Sphingomorpha sipyla, Guén., Noct. iii, p. 222, 1627, pl. 21, fig. 4, (1852)*.

I. M., False Point (Baxter), Sikkim (purchased).
Collection Swinhoe, Mhow, Assirgarh, Nilgiri Hills, Poona.
Also recorded from Sylhet, Ceylon, and Africa.

Genus **Iontha.**

2594. IONTHA UMBRINA.

Iontha umbrina, Doubleday, Entomologist, 298*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1850, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Sylhet.

Genus **Thyas.**

2595. THYAS CORONATA.

Noctua coronata, Fabr., Syst. Ent., p. 596, No. 24, (1775).
Noctua leonina, Fabr., *loc. cit.*, p. 596, No. 25, (1775).
Noctua ancilla, Fabr., Ent. Syst. iii, 2, p. 17, No. 29, (1794).
Corycia magica, Hübn., Zutr. Samml. Exot. Schmett iii, 32, 268, figs. 535 & 536, (1825)*.
Ophiusa magica, Boisd., Faun. Ent. Med. Lep. 100 & 101*.
Lagoptera magica, Guén., Noct. iii, p. 225, (1852)*.
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1352, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520; and 1885, p. 464.
Thyas coronata, Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 1; and pl. 166, fig. 5, (1885).
Lagoptera coronata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.

I. M., Calcutta (De Niceville), Sikkim (purchased), Ranchi (Irvine), Perak (purchased), Manbhum (Beavan).
Collection Swinhoe, Sikkim, Karachi, Bombay, Belgaum, Poona, Elephanta Island.
Also recorded from Nepal, Sylhet, Ceylon, Andaman Islands.

2596. Thyas dotata.

Noctua dotata, Fabr., Ent. Syst. iii, 2, p. 55, No. 153, (1794).
Arcte polygrapha (?). Kollar, Hüg. Kasch. iv, p. 478, (1848).
Ophiusa dotata, Van der Hœven, Lep. Nov., pl. 4, figs. 3 *a*, *b**.
Lagoptera dotata. Guén., Noct. iii, 226, 1632*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1353, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Ranchi (Irvine), Calcutta (Wood-Mason), Kulu (Young), Pera'k (purchased), Sikkim (Barnes), Buxa (Moti Ram), Sibsagar, Shillong, Cherrapunji.
Collection Swinhoe, Sikkim, Poona, Khandalla, Bombay, Nilgiri Hills.
Also recorded from Mussooree.

2597. Thyas elegans.

Ophiusa elegans, Van der Hoeven, Lep. Nov., pl. 5, figs., 6 *a* & *b**.
Lagoptera multicolor, Guén., Noct. iii, 226, 1631*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1352, (1858).

I. M., Sikkim (purchased), Shillong.
Collection Swinhoe, Simla, Sikkim, Nilgiri Hills.

2598. Thyas honesta.

Thyas honesta, Hübn., Samml. Exot. Schmett, ii, Index, p. 4, figs. 1 & 2, 1820-26*.
———— Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 2, (1885).
Noctua microrhœa (?), Fabr., Ent. Syst. iii, 2, p. 17, No. 30, (1794).
Lagoptera honesta, Guén., Noct. iii, p. 224, 1629, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1351, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74; and 1877, p. 609.

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased), Sibsagar (Peal).
Collection Swinhoe, Sikkim, Raipur (Central India).
Also recorded from Andaman Islands and Ceylon.

Genus **Ansa**.

2599. Ansa filipalpis.

Ansa filipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1731, (1858).
———— Moore, Lep. Ceyl. iii, p. 174, (1885).

Ceylon.

Genus **Minucia**.

2600. Minucia adusta.

Ophiodes adusta, Moore, Descr. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 11, (1882).

Cherrapunji.
Allied to *M. trapezium*.

2601. MINUCIA BASISIGNUM.

Ophiodes basisignum, Walker, Cat. Lep. Het. B. M., xiv, p. 1359, (1858).

India, Australia.

2602. MINUCIA CUPREA.

Ophiodes cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

I. M., Buxa (Moti Ram), Sikkim (Barnes), Ranchi (Irvine).
Collection Swinhoe, Solun, Raipur (Central India).
Also recorded from Formosa.

2603. MINUCIA DISCRIMINANS.

Ophiodes discriminans, Walker, Cat. Lep. Het. xiv, p. 1358, (1858).
Minucia discriminans, Moore, Lep. Ceyl. iii, p. 160, pl. 166, fig. 4, (1885).

Collection Swinhoe, Ceylon.

2604. MINUCIA FERVIDA.

Ophiodes fervida, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., a specimen with no history.
Collection Swinhoe, Solun.
Allied to *M. lunaris* of Europe.

2605. MINUCIA INDISTINCTA.

Ophiodes indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 12, (1882).

Khasi Hills.

2606. MINUCIA PRUNICOLOR.

Minucia prunicolor, Moore, Lep. Ceyl. iii, p. 160, pl. 167, fig. 3, (1885).

I. M., Sibsagar (Peal).
Also recorded from Ceylon.

2607. MINUCIA REMIGIOIDES.

Ophiodes remigioides, Guén., Noct. iii, 230, 1637*.
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1359, (1858).

India.

2608. MINUCIA SEPARANS.

Ophiodes separans, Walker, Cat. Lep. Het. B. M. xiv, p. 1357, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 464.
Ophiodes tirrhæa, (*var* A), Guén., Noct. iii, 229*.

I. M., Kulu (Young), Cachar, Sikkim (purchased), Khasi Hills.
Collection Swinhoe, Kasauli, Karachi, Satara, Poona, Bombay; Mhow, Sholapore, Nilgiri Hills.

2609. Minucia trapezium.

Ophiodes trapezium, Guén., Noct. iii, p. 231, 1638, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1360, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Ophisma cognata, Walker, *loc. cit.* xxxiii, p. 958, (1865).
Minucia trapezium, Moore, Lep. Ceyl. iii, p. 160, (1885).

Collection Swinhoe, Sibsagarh.
Also recorded from Sylhet, Ceylon.

2610. Minucia triphænoides.

Ophioides triphænoides, Walker, Cat. Lep. Het. B. M., xiv, p. 1358, (1858).
——————— —— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464; and 1886, p. 450.

I. M., Bombay (Swinhoe), Sikkim (purchased), Ranchi (Irvine).
Collection Swinhoe, Khandalla, Mhow.

2611. Minucia tumidilinea.

Ophiusa tumidilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).
Ophiodes tumidilinea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 464.

Collection Swinhoe, Bombay, Poona, North Canara, Karachi, Nilgiri Hills.

Genus **Ophisma**.

2612. Ophisma amabilis.

Ophisma amabilis, Walker, Char. Undescr. Lep. Het. 1869, p. 91.

Benares.

2613. Ophisma circumferens.

Ophisma circumferens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 956, (1865).
——————— Moore, Lep. Ceyl. iii, p. 161, (1885).

Ceylon.

2614. Ophisma contenta.

Ophisma contenta, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858).

India.

2615. Ophisma certior.

Ophisma certior, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858).

India.

2616. Ophisma gravata.

Ophisma gravata, Guén., Noct. iii, 237, 1648.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1379, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sylhet.
Also recorded from Australia.

2617. Ophisma maturata.

Ophisma maturata, Walker, Cat. Lep. Het. B. M. xiv, p. 1382, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Collection Swinhoe, Bombay.
Also recorded from Penang.

2618. Ophisma maturescens.

Ophisma maturescens, Walker, Cat. Lep. Het. B. M., xiv, p. 1382, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

2619. Ophisma rigidistria.

Ophisma rigidistria, Guén., Noct. iii, 240, 1655.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1380, (1858).

India.

1620. Ophisma siamica.

Ophisma siamica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 957, (1865).

Siam.

Genus **Platyja**.

2621. Platyja umminia.

Phalæna (*Noctua*) *umminia*, Cram., Pap. Exot. iii, pl. 267, fig. F, (1780).
Ophisma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858).
Sympis subunita, Guén., Noct. iii, p. 344, (1852).*
———— Walker, *loc. cit.*, xv, p. 1549, (1858).
Cotuza drepanoides, Walker, *loc. cit.*, p. 1552, (1858).
Cotuza umminia, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Platyja umminea (sic), Hübn., Verz. Bek. Schmett, p. 268, No. 2625, (1816).
Platyja umminea, Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 6, 6*a*, (1885).
Ophisma trajecta, Walker, Char. Undescr. Lep. Het., p. 108, (1869).
Hulodes falcata, Felder & R. Reise, Novara, Lep. iv, pl. 115, fig. 8, (1864-75).

Collection Swinhoe, North India.
Also recorded from Bengal, Ceylon, Java, China, Penang.

Genus **Pindara.**

2622. PINDARA ILLIBATA.

Noctua illibata, Fabr., Syst. Ent. p. 592, No. 8, (1775).
Hemeroblemma peropace, Hübn., Zutr. Samml. Exot. Schmett. iii, 33, 271, fig. 541-2, (1825).*
——— Walker, Cat. Lep. Het. B. M., xiv, p. 1242, (1858).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Ophisma lætabilis, Guén., Noct. iii, p. 241, (1852).*
——— Walker, *loc. cit.* xiv, p. 1380, (1858).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.
Pindara illibata, Moore, Lep. Ceyl. iii, p. 170, (1885).

Collection Swinhoe, Sikkim, Bombay, Poona, Matheran, Raipur (Central India).
Also recorded from Ceylon, Sylhet, China, and South America.

Genus **Achæa.**

2623. ACHÆA COMBINANS.

Achæa combinans, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).
——— Moore, Lep. Ceyl. iii, p. 165, pl. 169, fig. 3, (1885).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2624. ACHÆA MELICERTE.

Phalæna (*Noctua*) *melicerte*, Drury, Ins. 1, p. 46, pl. 23, fig. 1, (1770).
——— Cram., Pap. Exot. iv, pl. 323, figs. C, D, (1780); and vol. i, pl. 62, figs. C, D., (1775).
Noctua tigrina, Fabr., Sp. Ins., p. 218, No. 52, (1781).
——— Ent. Syst. iii, p. 402, No. 105, (1794).
Achæa melicerte, Hübn., Verz. Bek. Schmett, p. 269, No. 2643, (1816).
——— Guén., Noct. iii, p. 247, 1666.*
——— Walker, Cat. Lep. Het. B. M. xiv, p. 1396, (1858).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 75; 1877, p. 609.
——— Lep. Ceyl. iii, p. 163, pl. 168, figs. 2, 2*a*, 2*b*, (1885).
——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.
——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 465 and 1886, p. 450.
——— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Ranchi (Irvine), Kulu (Young), Calcutta, Andaman Islands (purchased), Western India (Swinhoe), Nicobar Islands (De Niceville), Manbhum (Beavan), North Khasi Hills, Sikkim (purchased).
Collection Swinhoe, Kasauli, Karachi, Mirzapore, Belgaum, Poona, Bombay, Mhow, Campbellpore, Hydrabad (Sind), Ceylon.
Also recorded from Celebes, Australia.

2625. ACHÆA MEZENTIA.

Phalæna (*Noctua*) *mezentia*, Cram., Pap. Exot. iv, pl. 323, fig. F. (1780).
Noctua mezenteria (sic), Fabr., Ent. Syst. iii, 2, p. 41, (1794).

ACHÆA MEZENTIA—*continued.*

Achæa mezentia, Hübn., Verz. Bek. Schmett, p. 269, No. 2645, (1816).
———— Guén., Noct. iii, p. 248, 1668.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).
———— Moore, Lep. Ceyl., iii, p. 165, pl. 169, fig. 1, (1885).
Sypna lugens, Walker, *loc. cit.* xxxiii, p. 938, (1865).
Collection Swinhoe, Ceylon.
Also recorded from Coromandel.

2626. ACHÆA NUBIFERA.

Achæa nubifera, Moore, Proc. Zool. Soc. Lond. 1877, p. 609, pl. 69, fig. 9.
I. M., Andaman Islands (purchased).

2627. ACHÆA REVERSA.

Achæa reversa, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).
———— Moore, Lep. Ceyl. iii, p. 165, pl. 169, figs. 2, 2*a*, (1885).
I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.

2628. ACHÆA SERVA.

Noctua serva, Fabr., Syst. Ent., p. 593, No. 13, (1775).
Noctua vulpina, Fabr., Ent. Syst. iii, 2, p. 39, No. 102, (1794).
Noctua mercatoria, Fabr., *loc. cit.*, p. 62, No. 175, (1794).
Achæa mercatoria, Guén., Noct. iii, p. 246.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1396, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, (1858).
Phalæna (*Noctua*) *melicerte*, Cram., Pap. Exot. iv, pl. 323, figs. D, E, (1780).
Achæa ino, Hübn., Verz. Bek. Schmett, p. 269, 2644, (1816).
Achæa serva, Moore, Lep. Ceyl. iii, p. 164, pl. 169, figs. 4, 4*a*, (1885).
Collection Swinhoe, Khandalla, Ceylon, Raipur (Central India).
Also recorded from Java.

Genus **Psimada.**

2629. PSIMADA QUADRIPENNIS.

Psimada quadripennis, Walker, Cat. Lep. Het., xv, p. 1828, (1858).
———— Moore, Lep. Ceyl. iii, p. 171, pl. 170, fig. 2, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.
Collection Swinhoe, Bombay, Camorta (Nicobars).
Also recorded from Canara and Ceylon.

Genus **Serrodes.**

2630. SERRODES CAMPANA.

Serrodes campana, Guén., Noct. iii, p. 252, 1673, pl. 22, fig. 6, ♂, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1402, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
————Lep. Ceyl. iii, p. 166, pl. 167, figs. 5, 5*a*, (1885).
I. M., Sikkim (Barnes; also purchased), Kulu (Young).
Collection Swinhoe, Sikkim, Raipur (Central India).
Also recorded from Sylhet and Ceylon.

2631. Serrodes inara.

Phalæna inara, Cram., Pap. Exot. iii, pl. 239, fig. E, (1779).
Bendis inara, Hübn., Verz. Bek. Schmett, p. 269, No. 2649, (1816).
Serrodes inara, Guén., Noct. iii, 253, 1675*.
————————Walker, Cat. Lep. Het. B. M., xiv, p. 1403, (1858), and xxxiii, p. 962, (1865).
————————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

Collection Swinhoe, Sikkim, Karachi, Poona, Bombay.

Genus **Naxia.**

2632. Naxia absentimacula.

Naxia absentimacula, Guén., Noct. iii, p. 255, 1676, (1852)*.
————————Walker, Cat. Lep. Het. B. M. xiv, p. 1404, (1858).
————————Moore, Lep. Ceyl. iii, p. 167, (1885).

I. M., Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Ceylon.

2633. Naxia calefaciens.

Naxia calefaciens, Walker, Cat. Lep. Het., xiv, p. 1405, (1858).
————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
————————Lep. Ceyl. iii, p. 168, pl. 168, fig. 3, (1885).

Collection Swinhoe, Ceylon.
Also recorded from Sylhet.

2634. Naxia circumsignata.

Naxia circumsignata, Guén., Noct. iii, 255, 1678*.
————————Walker, Cat. Lep. Het. B. M., xiv, p. 1405, (1858).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Sylhet.

2635. Naxia duplexa.

Naxia duplexa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26, pl. 6, fig. 4.

Sikkim.
Allied to *N. calefaciens*.

Genus **Delgamma.**

2636. Delgamma calorifica.

Naxia calorifica, Walker, Cat. Lep. Het. B. M. xiv, p. 1406, (1858).
————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Delgamma calorifica, Moore, Lep. Ceyl. iii, p. 168, pl. 168, figs. 4, 4*a*, (1885).

I. M., Andaman Islands (purchased).
Collection Swinhoe, India.
Also recorded from Sylhet and Ceylon.

Genus **Caranilla.**

2637. CARANILLA ONELIA.

Naxia onelia, Guén., Noct. iii, p. 258, 1679, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1405, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Ophiusa obumbrata, Walker, *loc. cit.*, xxxiii, p. 969, (1865).
Ophiusa umbrosa, Walker, *loc. cit.*, p. 968, (1865).
Caranilla onelia, Moore, Lep. Ceyl. iii, p. 169, pl. 170, figs. 1, 1*b*, (1885).

I. M., Sibsagar (Peal), Sikkim (purchased), Buxa (Moti Ram). Collection Swinhoe, Sylhet, Ceylon, Matheran, and Lanaoli. Also recorded from Ceylon and Java and China.

Genus **Pasipeda.**

2638. PASIPEDA HÆMORRHODA.

Calesia hæmorrhoda, Guén., Noct. iii, 258, 1683*.
———— Walker, Cat. Lep. Het B. M. xiv, p. 1409, (1858).
Calesia patna, Felder & R. Reise, Novara. Lep. iv, pl. 117, fig. 17, (1864-75).
Pasipeda hæmorrhoa (sic), Moore, Lep. Ceyl. iii, p. 183, (1885).
Calesia hæmorrhoa (sic), Moore, Journ. As. Soc. Beng., vol. iv, pt. 2, p. 101, (1886).

I. M., Kulu (Young), Sikkim (purchased), Buxa (Moti Ram). Cachar (Wood-Mason), Tavoy (Moti Ram). Collection Swinhoe, Solun, Bombay. Also recorded from Ceylon.

2639. PASIPEDA RUFIPALPIS.

Pasipeda rufipalpis, Walker, Cat. Lep. Het. B. M, xv, p. 1795, (1858).
———— Moore, Lep. Ceyl. iii, p. 183, (1885).

Ceylon.

2640. PASIPEDA SATELLITIA.

Pasipeda satellitia, Moore, Lep. Ceyl. iii, p. 184, pl. 171, figs. 6, 6*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

I. M., Bombay (Swinhoe), Bangalore, Ceylon (Swinhoe). Collection Swinhoe, Khandalla, Belgaum, Poona, Bombay, Ceylon.

Genus **Macaldenia.**

2641. MACALDENIA PALUMBA.

Hulodes palumba, Guén., Noct. iii, p. 211, 1613, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1337, (1858), and xxxiii, p. 952, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
Remigia colligens, Walker, *loc. cit.* xxxiii, p. 1019, (1865).
Pasipeda palumba, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).
Macaldenia palumba, Moore, Lep. Ceyl. iii, p. 162, pl. 168, figs. 1, 1*a*, 1*b*, (1885).

Collection Swinhoe, India and Ceylon.
Also recorded from Sylhet, Cherrapunji, South India, Ceylon, Singapore, Java.

Genus **Calesia.**

2642. CALESIA DASYPTERA.

Erebus dasypterus, Kollar, Hüg. Kasch. iv, p. 476, 5, (1848).
Erebus leucostigma, Kollar, *loc. cit.*, 6.
Calesia comosa, Guén., Noct. iii, p. 258, pl. 21, fig. 7, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1408, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Calesia stigmoleuca, Guén., *loc. cit.*, p. 258, 1685, (1852)*.
———— Walker, *loc. cit.*, p. 1409, (1858).
Calesia dasyptera, Moore, Lep. Ceyl. iii, p. 182, (1885).
Calesia leucostigma, Moore, Lep. Ceyl iii, p. 182, pl. 171, fig. 5, (1885).

I. M., Tavoy and Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Ceylon.

2643. CALESIA FLABELLIFERA.

Calesia flabellifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Upper Tenasserim.

2644. CALESIA GASTROPACHOIDES.

Calesia gastropachoides, Guén., Noct. iii, p. 258*.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75; and 1878, p. 849.

Bengal, Upper Tenasserim.

Genus **Hypætra.**

2645. HYPÆTRA LILACII.

Hypætra lilacii, Guén., Noct. iii, 260, 1688*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).

India.

2646. HYPÆTRA NOCTUOIDES.

Hypætra noctuoides, Guén., Noct. iii, 259, 1686*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1410, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, Moulmein.
Also recorded from Sylhet and Java.

2647. HYPÆTRA PERFICIENS.

Hypætra perficiens, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858).

India.

2648. HYPÆTRA STIGMATA.

Hypætra stigmata, Moore, Proc. Zool. Soc. Lond. 1877, p. 610.

Andaman Islands.

Genus **Anereuthina.**

2649. ANEREUTHINA CONDITA.

Hypætra condita, Walker, Cat. Lep. Het. B. M. xiv, p. 1413, (1858).
Anereuthina condita, Moore, Lep. Ceyl. iii, p. 173, pl. 170, fig. 5, (1885).
Collection Swinhoe, Shillong, Ceylon.

2650. ANEREUTHINA CURVIFERA.

Hypætra curvifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858).
Anereuthina curvifera, Moore, Lep. Ceyl. iii, p. 174, pl. 170, fig. 4, (1885).
Ceylon.

2651. ANEREUTHINA DIVISA.

Hypætra divisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 963, (1865).
Anereuthina divisa, Moore, Lep. Ceyl. iii, p. 172, (1885).
Ceylon.

2652. ANEREUTHINA EXPECTANS.

Achæa expectans, Walker, Cat. Lep. Het. B. M., xv, p. 1827, (1858).
Anereuthina expectans, Moore, Lep. Ceyl. iii, p. 172, (1885).
Ceylon.

2653. ANEREUTHINA FRONTALIS.

Ophiusa frontalis, Walker, Cat. Lep. Het. B. M., xiv, p. 1434, (1858).
Anereuthina frontalis, Moore, Lep. Ceyl. iii, p. 173, pl. 179, fig. 3, (1885).
India, Ceylon.

2654. ANEREUTHINA INCLUDENS.

Avatha includens, Walker, Cat. Lep. Het. B. M., xiii, p. 1107, (1857).
Hypætra complacens, Walker, *loc. cit.* xiv, p. 1414, (1858).
Anereuthina includens, Moore, Lep. Ceyl. iii, p. 172, pl. 170, fig. 6, (1885).
Ceylon, India.

2655. ANEREUTHINA TRIGONIFERA.

Hypætra trigonifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).
Anereuthina trigonifera, Moore, Lep. Ceyl. iii, p. 173, pl. 70, fig. 7, (1885).
Ceylon.

Genus **Dordura.**

2656. DORDURA ALIENA.

Hypætra aliena, Walker, Cat. Lep. Het. B. M., xxxiii, p. 964, (1865).
Dordura aliena, Moore, Descr. Ind. Lep. Atk. ii, p. 170, (1882).
Calcutta, North India.

2657. DORDURA APICALIS.

Dordura apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 170, pl. 5, fig. 20, (1882).
Calcutta.

Genus **Ophiusa.**

2658. OPHIUSA ACHATINA.

Phalæna achatina, Sulz., Ins. pl. 22, fig. 4 (*nec* Cramer)*.
Ophiusa achatina, Moore, Proc. Zool. Soc. Lond. 1867, p. 76 (*nec* Guén. *nec* Walker).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

Dugshai, Satara.

2659. OPHIUSA ALBIVITTA.

Ophiusa albivitta, Guén., Noct. iii, p. 271, No. 1707, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466; and 1884, p. 521.
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.
Dysgonia albivitta, Moore, Lep. Ceyl. iii, p. 178, pl. 171, fig. 4, (1885).

I. M., Calcutta, Kulu (Young), Buxa (Moti Ram), Ceylon (Mackwood; also Colombo Museum), Bombay (Swinhoe), Nicobar Islands (De Niceville).

Collection Swinhoe, Bombay, Campbellpore, Umballa, Karachi, Mahableshwar, Mhow, Neemuch.

2660. OPHIUSA AMYGDALIS.

Dysgonia amygdalis, Moore, Lep. Ceyl. iii, p. 551, pl. 214, fig. 3.

Ceylon.

2661. OPHIUSA ANALIS.

Ophiusa analis, Guén., Noct. iii, 271, 1708*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858).

Collection Swinhoe, Sikkim.
Also recorded from Hongkong and Java.

2662. OPHIUSA ARCTOTÆNIA.

Ophiusa arctotænia, Guén., Noct. iii, 272, 1711*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1431, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 450.

Collection Swinhoe, Karachi, Mhow.
Also recorded from Sylhet.

2663. OPHIUSA ARCUATA.

Ophiusa arcuata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.
Ophiusa joviana, Guén., Noct. iii, p. 269.*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1429, (1858).
Dysgonia arcuata, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 3, (1885).
Ophiusa arcuata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

I. M., Andaman Islands (purchased), Buxa (Moti Ram), Ranchi (Irvine).

Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and Java.

2661. Ophiusa acuta.

Ophiusa acuta, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 5.

Khasi Hills.

Allied to *O. falcata*.

2665. Ophiusa conficiens.

Ophiusa conficiens, Walker, Cat. Lep. Het. B. M. xiv, p. 1432, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 5, (1886).

Collection Swinhoe, Solun, Bombay.

2666. Ophiusa crameri.

Dysgonia crameri, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 2, (1885).
Ophiusa crameri, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.
Phalæna (*Noctua*) *achatina*, Cram. (nec Sulzer), Pap. Exot. iii, pl. 288, fig. A, (1780).
Ophiusa achatina, Guén., Noct. iii, p. 272, 1852.*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1430, (1858).

1. M., Tavoy (Moti Ram), Sikkim (Barnes; also purchased), Buxa (Moti Ram), Kulu (Young), Sibsagar, Bombay, Simla, Ceylon (Colombo Museum), Andaman Islands (De Roepstorff).

Collection Swinhoe, Dugshai, Satara, Poona, Bombay, Khandalla, Sikkim.

2667. Ophiusa discalis.

Dysgonia discalis, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 8, (1885).

Ceylon.

2668. Ophiusa falcata.

Ophiusa falcata, Moore, Descr. Ind. Lep. Atk. ii, p. 171, pl. 6, fig. 14, (1882).

Khasi Hills.

2669. Ophiusa fulvotænia.

Ophiusa fulvotænia, Guén., Noct. iii, p. 272, 1710, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1431, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Dysgonia fulvotænia, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 1, (1885).

I. M., Sibsagar (Peal), Perak (purchased).

Collection Swinhoe, Sylhet.

Also recorded from Ceylon, Sumatra, Java.

2670. Ophiusa joviana.

Phalæna (*Noctua*) *Joviana*, Cram., Pap. Exot. iv, pl. 399, fig. B, (1782).
Noctua joviana, Fabr., Ent. Syst. iii, 2, p. 42, No. 111, (1794).
Noctua sinuata, Fabr., Mant. Ins. ii, p. 145, No. 83, (1787).

OPHIUSA JOVIANA—*continued.*

Dysgonia jovis, Hübn., Verz. Bek. Schmett, p. 269, No. 2640, (1816).
Ophiusa myops, Guén., Noct. iii, p. 265, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1428, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Ophiusa joviana, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.
Dysgonia joviana, Moore, Lep. Ceyl. iii, p. 175, pl. 170, figs. 9, 9*a*, (1885).

I. M., Sikkim (purchased), Ceylon (Colombo Museum), Bombay (Swinhoe), Andaman Islands (purchased).
Collection Swinhoe, Bombay, Poona, Solun, Mhow, Nilgiri Hills.
Also recorded from Java.

2671. OPHIUSA LUTEIPALPIS.

Ophiusa luteipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, 968, (1865).
Dysgonia luteipalpis, Moore, Lep. Ceyl. iii, p. 178, (1885).

Ceylon.

2672. OPHIUSA OLYMPIA.

Ophiusa olympia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Collection Swinhoe, Poona, Bombay, Bhuj.

2673. OPHIUSA PROPERATA.

Ophiusa properata, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).
———— Butler, Ill. Typ. Lep. Het. vi, p. 46, pl. 112, fig. 6, (1886).

Sikkim.

2674. OPHIUSA SIMILLIMA.

Ophiusa simillima, Guén., Noct. iii, 266, 1695.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1428, (1358).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Dysgonia simillima, Moore, Lep. Ceyl. iii, p. 178, pl. 170, fig. 8, (1885).

Collection Swinhoe, Sylhet.
Also recorded from Ceylon.

2675. OPHIUSA STUPOSA.

Noctua stuposa, Fabr., Ent. Syst. iii, 2, p. 42, No. 112, (1794).
Phalæna (Noctua) achatina, Cram. (*nec* Sulzer), Pap. Exot. iii, pl. 273, fig. E, (1780).
Ophiusa stuposa, Guén., Noct. iii, p. 271, 1706.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1429, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.
Ophiusa festinata, Walker, *loc. cit.*, p. 1432, (1858).
Dysgonia stuposa, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 7, (1885).

I. M., Sind (Swinhoe).
Collection Swinhoe, Sylhet, Bombay, Karachi, Hydrabad, Raipur (Central India).
Also recorded from Ceylon and China.

Genus **Grammodes.**

2676. GRAMMODES AMMONIA.

Phalæna (*Noctua*) *ammonia*, Cram., Pap. Exot. iii, pl. 250, fig. D, (1779).
Grammodes ammonia, Guén., Noct. iii, p. 278, 1720.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1443, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
——————— Lep. Ceyl. iii, p. 179, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, and 1885, p. 467.

I. M., Sikkim (purchased), Kulu (Young), Calcutta, Ranchi (Irvine).
Collection Swinhoe, Umballa, Bombay, Karachi, Nilgiri Hills, Sikkim, Raipur, (Central India).
Also recorded from Sylhet, Nepal, Ceylon, South Africa.

2677. GRAMMODES EXCAVATA.

Grammodes excavata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 973, (1865), South India.

2678. GRAMMODES MYGDON.

Phalæna (*Noctua*) *mygdon*, Cram., Pap. Exot. ii, pl. 156, fig. G, (1777).
Chalciope mygdonias, Hübn., Verz. Bek. Schmett, p. 268, No. 2636, (1816).
Grammodes mygdon, Guén., Noct. iii, p. 278, 1721. *
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1444, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.
Chalciope mygdon, Moore, Lep. Ceyl. iii, p. 180, (1885).
——————— Journ. As. Soc. Beng., vol. lv, pt. 2, p. 101, (1886).

I. M., False Point (Baxter), Calcutta, Sibsagar, Sikkim, Tavoy (Moti Ram), Bombay (Swinhoe), Andaman Islands (purchased), Nicobar Islands (De Niceville).
Collection Swinhoe, Nilgiri Hills, Bombay, Khandalla, Ceylon.
Also recorded from Java and Borneo.

2679. GRAMMODES STOLIDA.

Noctua stolida, Fabr., Sp. Ins. ii, p. 218, No. 54, (1781).
——————— Mant. Ins. ii, p. 145, No. 81, (1787).
——————— Ent. Syst. iii, 2, p. 41, No. 109, (1794).
——————— God., Lep. Fr. v, 117, pl. 53, fig. 5.*
Phalæna stolida, Gmel., Ed. Syst. Nat. i, 5, 2552, 1094.*
Noctua cingularis, Hübn., Noct., pl. 76, fig. 352, and pl. 109, fig. 512.*
Ophiusa stolida, Treit., Schmett v, 312, 13.*
——————— Meig., Syst. Besch. iii, 208, 10, pl. 113, fig. 9.*
Grammodes stolida, Guén., Noct. iii, p. 276, 1717.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1441, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
——————— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467.
——————— Trans. Ent. Soc. Lond. 1885, p. 352.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Karachi (Swinhoe; also Murray), Kulu (Young).
Collection (Swinhoe), Umballa, Karachi, Bolan, Bombay, Campbellpore.
Also recorded from Europe and South Africa.

Genus **Fodina.**

2680. FODINA NOTATA.

Noctua notata, Fabr., Ent. Syst. iii, 2, p. 39, No. 103, (1794).
Grammodes notata, Walker, Cat. Lep. Het. B. M., xiv, p. 1445, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Grammodes mundicolor, Walker, *loc cit.* xxxiii, p. 973, (1865).
Fodina mundicolor, Moore, Lep. Ceyl. iii, p. 181, (1885).

Collection Swinhoe, Umballa, Nilgiri Hills.
Also recorded from Ceylon and Nepal.

2681. FODINA ORIOLUS.

Fodina oriolus, Guén., Noct. iii, 174, 1713.*
————Walker, Cat. Lep. Het. B. M., xiv, p. 1438, (1858).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

I. M., Buxa (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sylhet.

2682. FODINA PALLULA.

Fodina pallula, Guén., Noct. iii, p. 275, 1714, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiv. p. 1439, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Lep. Ceyl. iii, p. 181, (1885).

I. M., Goalpara.
Also recorded from Sylhet, Ceylon.

2683. FODINA STOLA.

Fodina stola, Guén., Noct. iii, p. 275, 1715, (1852).*
————Walker, Cat. Lep. Het. B. M. xiv, p. 1439, (1858).
————Moore, Proc. Zool. Soc. Lond. 1878, p. 849.
———— Lep. Ceyl. iii, p. 181, (1885).

I. M., Sikkim (purchased).
Collection Swinhoe, Buxar.
Also recorded from Upper Tenasserin and Ceylon.

Genus **Artena.**

2684. ARTENA SUBMIRA.

Artena submira, Walker, Cat. Lep. Het. B. M., xiv, p. 1389, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Collection Swinhoe, Sylhet.
Also recorded from Upper Tenasserim.

FAMILY EUCLIDIDÆ.

Genus **Trigonodes.**

2685. TRIGONODES CEPHISE.

Phalæna cephise, Cram., Pap. Exot. iii, pl. 227, fig. C, (1779).
Chalciope cephise, Hübn., Verz. Bek. Schmett 268, 2633.
Trigonodes cephise, Guén., Noct. iii, 282, 1724.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1450, (1858).

North India.

2686. TRIGONODES DISJUNCTA.

Chalciope disjuncta, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).
Trigonodes disjuncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Parisnath.
Allied to *C. cephise*.

2687. TRIGONODES HYPPASIA.

Phalæna (*Noctua*) *hyppasia*, Cramer, Pap. Exot. iii, pl. 250, fig. C, (1779).
var. *Phalæna deliana*, Stoll.-Cram., *loc. cit.*, p. 160, pl. 36, fig. 4, (1790).
Chalciope hypasia, Hübn., Verz. Bek. Schmett., p. 268, No. 2634, (1816).
Trigonodes compar, Walker, Cat. Lep. Het. B. M. xiv, p. 1451, (1857).
Trigonodes hyppasia, Guén., Noct. iii, p. 283, 1726, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1450, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 620; and 1886, p. 382.
———— Moore, Lep. Ceyl. iii, p. 186, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467, and 1886, p. 451.

I. M., Cachar (Wood-Mason), Calcutta, Karachi (Murray; also Swinhoe), Sikkim (purchased), Delhi, Kulu (Young).
Collection Swinhoe, Aden, Sikkim, Karachi, Mhow, Bombay, Satara, Poona, Matheran.
Also recorded from Nepal, Ceylon, and China.

2688. TRIGONODES MAXIMA.

Trigonodes maxima, Guén., Noct. iii, 282, 1723.*
———— Walker, Cat. Lep. Het. B. M.,, xiv, p. 1451, (1858).

Collection Swinhoe, North India.

Genus **Euclidia.**

2689. EUCLIDIA TARSALIS.

Euclidia (?) *tarsalis*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 986, (1865).
———— Moore, Lep. Ceyl. iii, p. 187, (1885).

Ceylon.

Genus **Acantholipes.**

2690. ACANTHOLIPES ACERVALIS.

Acantholipes acervalis, Swinhoe, Proc. Zool. Soc. Lond 1886, p. 451.

Collection Swinhoe, Mhow.

2691. ACANTHOLIPES AFFINIS.

Docela affinis, Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
Acantholipes affinis, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p 467; and 1886, p. 451.

I. M., Poona, and Karachi (Swinhoe).
Collection Swinhoe, Karachi, Mhow, Assirgarh, Poona, Bombay.
Closely allied to *A.* (*Docela*) *vetustalis*, Walker, from the Congo.

2692. Acantholipes flavisigna.

Acantholipes flavisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Bombay.
Allied to *A. vetustalis*.

2693. Acantholipes hypenöides.

Acantholipes hypenöides, Moore, Proc. Zool. Soc. Lond. 1881, p. 372.
——————————— Descr. Ind. Lep. Atk. ii, p. 140, (1882).
Sikkim.

2694. Acantholipes nigrisigna.

Acantholipes nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 372.
Bombay.

2695. Acantholipes pulchra.

Acantholipes pulchra, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.
Collection Swinhoe, Mhow.
Allied to *A. purpurina* of Europe.

2696. Acantholipes trifasciata.

Acantholipes trifasciata, Moore, Lep. Ceyl. iii, p. 187, pl. 172, fig. 2, (1885).
Collection Swinhoe, Mahableshwar, Poona, Bombay.
Also recorded from Ceylon.

Family REMIGIDÆ.

Genus Cauninda.

2697. Cauninda archesia.

Pholæna (*Noctua*) *archesia*, Cram., Pap. Exot. iii, pl. 273, figs. F, G, (1780).
var. *Phalæna* (*Noctua*) *virbia*, Cram., *loc. cit.*, pl. 273, fig. H, (1780).
Drasteria archesia, Hübn., Verz. Bek. Schmett, p. 280, No. 2750, (1816).
Mocis virbia, Hübn., *loc. cit.*, p. 267, No. 2616, (1816).
Remigia archesia, Guén., Noct. iii, 318, 1779.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1504, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 468.
Remigia bifasciata, Walker, *loc. cit.*, xxxiii, p. 1014, (1865).
Cauninda archesia, Moore, Lep. Ceyl. iii, p. 191, pl. 172, figs. 3, 3*a*, (1885).

I. M., Cachar (Wood-Mason) Sikkim (purchased), Mergui (Anderson), Ceylon (Colombo Museum), Buxa (Moti Ram), Calcutta, Sylhet, Ratnagiri (Hatch), Andaman Islands (purchased), Shillong, Cherrapurji, Tavoy (Moti Ram), Ranchi (Irvine).

Collection Swinhoe, Kasauli, Simla, Bombay, Mhow, Belgaum, Poona, Karachi, Sikkim.

Also recorded from South Africa, Java, and China.

2698. Remigia arefacta.

Remigia arefacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, pl. 48, fig. 2.

Collection Swinhoe, Karachi, Jurruk (Sind).

2699. Remigia (?) caliginosa.

Remigia (?) *caliginosa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).

North India.

2700. Remigia congregata.

Remigia congregata, Walker, Cat. Lep. Het. B. M., xv, p. 1847, (1858).

Africa, Ceylon, India.

2701. Remigia discios.

Ophiodes discios, Koll., Hug. Kasch. iv, p. 477, (1848).
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1360, (1858).

Collection Swinhoe, Solun, Mandi.

2702. Remigia frugalis.

[*Noctua frugalis*, Fabr., Ent. Syst. iii, 2, p. 138, (1794).] ?
Chalciope lycopodia, Geyer-Hübn., Zutr. Exot. Schmett 25, 449, figs. 897, 898, (1837).*
Remigia frugalis, Guén., Noct. iii, p. 314, 1773, (1852).*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1507, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
———— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 416.
———— Moore, Lep. Ceyl. iii, p. 190, pl. 172, figs. 4, 4*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 521.
Remigia translata, Walker, *loc. cit.*, xxxiii, p. 1015, (1865).

I. M., Karachi (Murray), Cachar (Wood-Mason), Sikkim, Megui (Anderson), Kulu (Young), Sibsagar, Ranchi (Irvine), Andaman Islands (De Roepstorff).

Collection Swinhoe, Solun, Nilgiri Hills, Karachi, Mirzapore, Ceylon.

Also recorded from Africa, Java, and Borneo.

2703. Remigia gregalis.

Remigir gregalis, Guén., Noct. iii, p. 320.*
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 611.

South Andaman Islands.

2704. Remigia pavona.

Drasteria pavona, Felder & R. Reise, Novara Lep., pl. 117, fig. 9, (1864-75).

I. M., Shillong, North Khasi Hills.
Collection Swinhoe, Khasi Hills.
Also recorded from Sikkim.
Allied to *O. discios*.

2705. Remigia quæsita.

Remigia quæsita, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468, pl. 27, fig. 8.

I. M. (?), Buxa (Moti Ram).
Collection Swinhoe, Bombay.

Genus **Felinia.**

2706. Felinia spissa.

Felinia spissa, Guén., Noct. iii, p. 322.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1514, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

Group PSEUDO-DELTOIDES.

Family FOCILLIDÆ.

Genus **Hingula.**

2707. Hingula albolunata.

Hingula albolunata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882).
Nilgiri Hills, Cherrapunji.

2708. Hingula cervina.

Hingula cervina, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882).
Manpuri, Calcutta.

2709. Hingula figurata.

Hingula figurata, Moore, Lep. Ceyl. iii, p. 199, pl. 174, fig. 10, ♂, (1885).
I. M., Karachi, Nilgiri Hills (Swinhoe).
Collection Swinhoe, Karachi, Nilgiri Hills.
Also recorded from Ceylon.

2710. Hingula transvitta.

Hingula transvitta, Moore, Lep. Ceyl. iii, p. 551, pl. 215, fig. 1, (1887).
Ceylon.

2711. Hingula unicoloris.

Hingula unicoloris, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452.
Collection Swinhoe, Mhow.

Genus **Zethes.**

2712. Zethes amynoides.

Zethes amynoides, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 2, (1882).

Calcutta.

2713. Zethes cristifera.

Ephyrodes cristifera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1071, (1865).
Catada epops, Felder & R. Reise, Novara Lep., pl. 120, fig. 42, ♀ (1873).
Zethes cristifera, Moore, Lep. Ceyl. iii, p. 193, (1885).
Collection Swinhoe, Ceylon, Andaman Islands.
Also recorded from Mussoorie.

2714. ZETHES DECOLOR.

Focilla (?) *decolor*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1029, (1865).
Zethes decolor, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 8, (1885).

Ceylon.

2715. ZETHES HÆSITANS.

Zethes hæsitans, Walker, Cat. Lep. Het. B. M., xv, p. 1524, (1858).

India.

2716. ZETHES LINEIFERA.

Ephyrodes lineifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1070, (1865).
Zethes sondaicus, Snellen, Tijd Voor. Ent. Neder. Ind. 1877, p. 38, pl. 2, fig. 17, ♂.
Zethes lineifera, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 5, (1885).

Collection Swinhoe, Ceylon.

2717. ZETHES PERTURBANS.

Zethes perturbans, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Sylhet.

2718. ZETHES RENALIS.

Zethes renalis, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 12, (1885).

Ceylon.

2719. ZETHES SOLUTA.

Thermesia soluta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Zethes soluta, Moore, Lep. Ceyl. iii, p. 193, (1885).

Ceylon.

2720. ZETHES USURPATALIS.

Egnasia usurpatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, ♀, (1858).
Zethes usurpatalis, Moore, Lep. Ceyl. iii, p. 193, pl. 172, fig. 11, (1885).

Ceylon.

2721. ZETHES XYLOCHROMA.

Zethes xylochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Sylhet.

Genus **Thyridospila.**

2722. THYRIDOSPILA FASCIATA.

Thyridospila fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 20, (1882).

Sikkim.

2723. THYRIDOSPILA SPHÆRIPHORA.

Thyridospila sphæriphora, Moore, Proc. Zool. Soc. Lond. 1867, p. 79.
Bengal.

Genus **Saraca.**

2724. SARACA PANNOSA.

Saraca pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882).
Cherrapunji, Sikkim.
Allied to *S. trimantesalis*.

2725. SARACA TRIMANTESALIS.

Egnasia trimantesalis Walker, Cat. Lep. Het. B. M., xvi, p. 220, No. 6, (1858).
———————, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Collection Swinhoe, Java.
Also recorded from Sylhet and Sikkim.

Genus **Harmatelia.**

2726. HARMATELIA BASALIS.

Harmatelia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 183, pl. 6, fig. 13, (1882).
Cherrapunji, Sikkim.

2727. HARMATELIA BIPARTITA.

Harmatelia bipartita, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882).
Khasia Hills, Cherrapunji.

Genus **Rhæsena.**

2728. RHÆSENA OBLIQUIFASCIATA.

Rhæsena obliquifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay, Rangoon.
Also recorded from Calcutta, Poona.

Genus **Cultripalpa.**

2729. CULTRIPALPA INDISTINCTA.

Cultripalpa indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882).
Calcutta.

2730. CULTRIPALPA PARTITA.

Cultripalpa partita, Guén., Noct. iii, 332, 1797, (1852).
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1528, (1858).
India.

2731. CULTRIPALPA TRIFASCIATA.

Cultripalpa trifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 184, pl. 6, fig. 1, (1882).

Cherrapunji.

Genus **Egnasia.**

2732. EGNASIA BINORBICULATA.

Egnasia binorbiculata, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 6, (1885).

I. M., Buxa (Moti Ram), Sibsagar (Peal).
Also recorded from Ceylon.

2733. EGNASIA CASTANEA.

Egnasia castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).

Khasi Hills, Sikkim.

2734. EGNASIA CINGALENSIS.

Egnasia cingalensis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1178, (1865).
——————— Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 10, (1885).

Ceylon.

2735. EGNASIA COSTIPANNOSA.

Egnasia costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).

Collection Swinhoe, Mandi.
Also recorded from Sikkim.

2736. EGNASIA EPHYRODALIS.

Egnasia ephyrodalis, Walker, Cat. Lep. Het. B. M., xvi, p. 217, (1858).
——————— ——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Collection Swinhoe, Ceylon.
Also recorded from Sylhet.

2737. EGNASIA KHASIANA.

Egnasia khasiana, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).

Khasi Hills.
Allied to *E. ephyrodalis*.

2738. EGNASIA LUDIANA.

Gracilodes ludiana, Felder & R. Reise, Novara Lep., pl. 120, fig. 25, (1873).

Sylhet.

2739. EGNASIA MOROSA.

Egnasia morosa, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 4, (1882).

Sikkim.
Allied to *E. castanea*.

2740. EGNASIA OCELLATA.

Egnasia ocellata, Moore, Lep. Ceyl. iii, p. 195, pl. 174, fig. 4, (1885).
Ceylon.

2741. EGNASIA REDUPLICALIS.

Egnasia (?) *reduplicalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1179, (1865).
India.

2742. EGNASIA SCOPIGERA.

Egnasia scopigera, Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 9 ♂, (1885).
Ceylon.

2743. EGNASIA TALUSALIS.

Egnasia talusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, (1858).
India.

2744. EGNASIA VAGA.

Thermesia vaga, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).
Egnasia vaga, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Sylhet.

Genus **Matella.**

2745. MATELLA ACCINGALIS.

Egnasia accingalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, ♀, (1858).
Matella accingalis, Moore, Lep. Ceyl. iii, p. 196, pl. 172, fig. 7, ♂, (1885).
Ceylon.

2746. MATELLA CADUCA.

Matella caduca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470, pl. 28, fig. 9, ♀.
I. M., North Canara (Swinhoe).
Collection Swinhoe, Poona, North Canara, Khandalla, Nilgiri Hills.
Allied to *M. participalis*.

2747. MATELLA PARTICIPALIS.

Egnasia participalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, (1858).
Matella participalis, Moore, Lep. Ceyl. iii, p. 196, (1885).
Ceylon.

2748. MATELLA SINUOSA.

Egnasia sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).
Calcutta, Moulmein.
Allied to *E. accingalis*.

Genus **Moscha.**

2749. MOSCHA POSTICALIS.

Moscha posticalis, Walker, Cat. Lep. Het. B. M , xxxiv, p. 1200, (1865).
India.

Genus **Daxata.**

2750. DAXATA BIJUNGENS.

Daxata bijungens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1109, (1865).
——————— Moore, Lep. Ceyl. iii, p. 198, pl. 174, fig. 9, (1885).
Collection Swinhoe, North Canara.
Also recorded from Ceylon.

2751. DAXATA TANTILLA.

Daxata tantilla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay.

Genus **Acharya.**

2752. ACHARYA COSTALIS.

Acharya costalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 28, pl. 6, fig. 10.
Andaman Islands.

2753. ACHARYA CRASSICORNIS.

Acharya crassicornis, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 3, (1882).
Sylhet.

Genus **Nagadeba.**

2754. NAGADEBA INDECORALIS.

Nagadeba indecoralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1521, ♀, (1865).
——————— Moore, Lep. Ceyl. iii, p. 197, pl. 174, fig. 3, (1885).
Ceylon.

Genus **Diomea.**

2755. DIOMEA ROTUNDATA.

Diomea rotundata, Walker, Cat. Lep. Het. B. M., xiii, p. 1110, (1857).
——————— Moore, Lep. Ceyl. iii, p. 199, (1885).
Ceylon.

Family AMPHIGONIDÆ.

Genus **Lacera.**

2756. Lacera alope.

Phalæna (Noctua) alope, Cram., Pap. Exot. iii, p. 286, figs. E. & F, (1780).
Lacera capella, Guén., Noct. iii, p. 337, pl. 24, fig. 13, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1537, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
Lacera alope, Moore, Lep. Ceyl. iii, p. 214, pl. 173, figs. 1, 1*a*, (1885).

I. M., Solon (Swinhoe), Kulu (purchased), Andaman Islands (purchased).
Collection Swinhoe, Poona, Bombay, Ceylon, Nilgiri Hills.

Genus **Amphigonia.**

2757. Amphigonia comprimens.

Amphigonia comprimens, Walker, Cat. Lep. Het. B. M., xv, p. 1540, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.
———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 46, pl. 112, fig. 7, (1886).

I. M., Andaman Islands (purchased).
Also recorded from Sylhet.

2758. Amphigonia hepatizans.

Amphigonia hepatizans, Guén., Noct. iii, p. 338, pl. 24, fig. 12, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1541, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
———— Moore, Lep. Ceyl. iii, p. 215, pl. 173, fig. 4, (1885).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay, Andaman Islands.
Also recorded from Ceylon.

Family THERMESIIDÆ.

Genus **Platyja.**

2759. Platyja lobifera.

Platyja lobifera, Moore, Journ. Asiatic Soc. Bengal, pt. ii, p. 101, (1886).

I. M., Moore's Type from Tavoy (Moti Ram).

2760. Platyja umminia.

Phalæna (Noctua) umminia, Cram., Pap. Exot. iii, pl. 267, fig. F, (1780).
Platyja umminea, (sic), Hübn., Verz. Bek. Schmett, p. 268, (1816).
Platyja umminia, Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 6, 6*a*, (1885).
Ophisma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858).
Sympis subunita, Guén., Noct. iii, p. 344, (1852).*
———— Walker, *loc. cit.* xv., p. 1549, No. 2, (1858),

PLATYJA UMMINIA—*continued.*

Cotuza drepanoides, Walker, *loc. cit.* xv, p. 1552, (1858).
Ginœa removens, Walker, *loc. cit.*, p. 1638, (1858).
Ophisma trajecta; Walker, Char. Undescr. Lep. Het., p. 108, (1869).
Hulodes falcata, Felder & R. Reise, Novara Lep., pl. 115, fig. 8, ♂, (1873).

Collection Swinhoe, North India.
Also recorded from Ceylon, Celebes.

Genus **Sympis.**

2761. SYMPIS RUFIBASIS.

Sympis rufibasis, Guén., Noct. iii, p. 344, pl. 24, fig. 1, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1549, (1858].
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
———— Lep. Ceyl. iii, p. 202, pl. 173, figs. 5, 5*a*, (1885).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet, Ceylon.
Also recorded from Java and Sumatra.

2762. SYMPIS TURBIDA.

Sympis turbida, Moore, Proc. Zool. Soc. Lond. 1877, p. 611.

Andaman Islands.

Genus **Sanys.**

2763. SANYS ANGULINA.

Sanys angulina, Guén., Noct. iii, 350, 1823,* (1852).
———— Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1858).

India.

2764. SANYS FLEXUS.

Sanys flexus, Moore, Descr. Ind. Lep. Atk. ii, p. 175, (1882).

Cherrapunji.

2765. SANYS PULVERATA.

Sanys pulverata, Guén., Noct. iii, 351, 1822, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1858).

India.

2766. SANYS RIVULOSA.

Thermesia rivulosa, Walker, Cat. Lep. Het. xxxiii, p. 1060, (1865).
Sanys rivulosa, Moore, Lep. Ceyl. iii, p. 205, pl. 174, fig. 5, (1885).

India, Ceylon.

Genus **Thermesia.**

2767. THERMESIA ARENACEA.

Thermesia arenacea, Walker, Cat. Lep. Het. B. M. xxxiii, 1056, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2768. THERMESIA CONSOCIA.

Thermesia consocia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2769. THERMESIA CREBERRIMA.

Thermesia creberrima, Walker, Cat. Lep. Het., B. M., xv, p. 1574, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 47, pl. 112, fig. 8, (1886).

Sylhet.

2770. THERMESIA DESPECTA.

Thermesia despecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1058, (1865).

India.

2771. THERMESIA OBLITA.

Thermesia oblita, Moore, Descr. Ind. Lep. Atk. ii, p. 176, (1882).

Parisnath.

2772. THERMESIA (?) RETRAHENS.

Thermesia retrahens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).

2773. THERMESIA SIMPLEX.

Thermesia simplex, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).

India.

2774. THERMESIA SUBCOSTALIS.

Thermesia subcostalis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1059, (1865).

India.

Genus **Seneratia.**

2775. SENERATIA PRÆCIPUA.

Thermesia præcipua, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1056, ♀, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
Seneratia præcipua, Moore, Lep. Ceyl. iii, p. 203, pl. 173, figs. 2, 2*a*, (1885).

I. M., Andaman Islands (purchased).
Also recorded from Sylhet and Ceylon.

Genus **Dunira.**

2776. DUNIRA NISALIS.

Hypena nisalis, Walker, Cat. Lep. Het. B. M., xix, p. 845, (1859).
(?) *Hypena rubripunctalis*, Walker, *loc. cit.* xvi, p. 233, (1858).
Dunira nisalis, Moore, Lep. Ceyl. iii, p. 207, (1885).

Ceylon.

2777. Dunira scitula.

Thermesia scitula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Dunira scitula, Moore, Lep. Ceyl. iii, p. 207, pl. 174, fig. 13, (1885).
Ceylon.

Genus **Capnodes.**

2778. Capnodes maculicosta.

Capnodes maculicosta, Walker, Cat. Lep. Het. B. M., xv, p. 1608, (1858).
———— Moore, Lep. Ceyl. iii, p. 211, (1885).
Thermesia finipalpis, Walker, *loc. cit.* xv, p. 1574, ♀, (1858).
Ceylon.

2779. Capnodes minor.

Capnodes minor, Moore, Lep. Ceyl. iii, p. 212, pl. 174, fig. 11, (1885).
Ceylon.

2780. Capnodes pallens.

Capnodes pallens, Moore, Descr. Ind. Lep. Atk. ii, p 176, pl. 5, fig. 21, (1882).
Calcutta.

2781. Capnodes rufescens.

Capnodes rufescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
Andaman Islands.

2782. Capnodes stellata.

Capnodes stellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 28.
Singapore.

2783. Capnodes tetraspila.

Capnodes tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1076, (1858).
———— Moore, Lep. Ceyl. iii, p. 211, (1885).
Ceylon.

2784. Capnodes trifasciata.

Capnodes trifasciata, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
———— Lep. Ceyl. iii, p. 211, pl. 174, fig. 12, (1885).
Andaman Islands, Ceylon.

Genus **Durdara.**

2785. Durdara fenestrata.

Durdara fenestrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 6.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
I. M., Bombay (Swinhoe).
Collection Swinhoe, Bombay.

2786. Durdara lineola.

Striglina lineola, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 284, (1877).

Bengal.

2787. Durdara lobata.

Durdara lobata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, pl. 5, fig. 16, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Khasi Hills.

2788. Durdara myrtæa.

Phalæna (*Noctua*) *myrtæa*, Drury, Ins. Exot. ii, 4, pl. 2, fig. 3, (1773).
Noctua myrtæa, Westw., Ed. Drury, ii, 3, pl. 2, fig. 3, (1837-42).
Striglina myrtea, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 285, (1877).
Thermesia (?) *myrtæa*, Walker, Cat. Lep. Het. B. M., xv, p. 1575, (1858).
Durdara myrtæa, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.
Also recorded from Sikkim.

2789. Durdara pyraliata.

Durdara pyraliata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).

Calcutta.

2790. Durdara zonula.

Durdara zonula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469, pl. 28, fig. 12.

Collection Swinhoe, Bombay.

Genus **Raparna.**

2791. Raparna ochreipennis.

Raparna ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 8, (1882).

Parisnath Hill.

2792. Raparna transversa.

Raparna transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882).

North-West Himalayas and Parisnath Hill.

2793. Raparna undulata.

Raparna undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882).

Dharmsala, Calcutta.

Genus **Selenis.**

2794. Selenis longipalpis.

Selenis longipalpis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1068, (1865).

India.

2795. SELENIS OBSCURA.

Selenis obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 10, (1882).

Sikkim.

2796. SELENIS RETICULATA.

Selenis reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 9, (1882).

Sikkim.

2797. SELENIS TRANSLINEATA.

Selenis translineata, Walker, Char. Undescr. Lep. Het., p. 93, (1869).

Benares.

Genus **Mestleta.**

2798. MESTLETA ABRUPTA.

Mestleta abrupta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 830, (1865).
——————— Swinhoe, Proc Zool. Soc. Lond. 1885, p. 469.
——————— Moore, Lep. Ceyl. iii, p. 208, pl. 174, figs. 2, 2*a*, (1885).
Selenis abrupta, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Collection Swinhoe, Bombay, Poona.
Also recorded from Ceylon.

2799. MESTLETA ACONTIOIDES.

Mestleta acontioides, Moore, Descr. Ind. Lep. Atk. ii, p. 179, pl. 5, fig. 15, (1882).

Calcutta.

2800. MESTLETA ANGULIFERA.

Mestleta angulifera, Moore, Descr. Ind. Lep. Atk. ii, p. 179, (1882).'
——————— Lep. Ceyl. iii, p. 208, pl. 175, figs. 2, 2*a*, (1885).

Calcutta, Ceylon.

2801. MESTLETA BACCALIÆ.

Mestleta baccaliæ, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452, pl. 40, fig. 7.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Mhow, Karachi, Mahableshwar.

2802. MESTLETA CEYLONICA.

Thermesia ceylonica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Mestleta ceylonica, Moore, Lep. Ceyl. iii, p. 210, (1885).

Ceylon.

2803. MESTLETA DIVISA.

Selenis divisa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 107, (1862-64).
———————— Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).
Selenis semilux, Walker, *loc. cit.* xxxiii, p. 1069, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
Mestleta divisa, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 7, (1885).

I. M., a specimen with no history.
Collection Swinhoe, Bombay, Karachi.
Also recorded from Ceylon.

2804. MESTLETA DUPLEXA.

Mestleta duplexa, Moore, Proc. Zool. Soc. Lond. 1877, p. 611, pl. 60, fig. 5.

South Andaman Islands.

2805. MESTLETA INTERRUPTA.

Mestleta interrupta, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 7, (1885).

Ceylon.

2806. MESTLETA IRRECTA.

Selenis irrecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
Selenis niviapex, Walker, *loc. cit.* xxxiii, p. 1069, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Mestleta irrecta, Moore, Lep. Ceyl. iii, p. 209, pl. 174, figs. 1, 1*a*, (1885).

I. M., Andaman Islands (purchased), Sikkim, Bombay, and Poona (Swinhoe).
Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from Ceylon.

2807. MESTLETA LUNIFERA.

Mestleta lunifera, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 3, (1885).

Ceylon.

2808. MESTLETA MULTIGUTTATA.

Selenis multiguttata, Walker, MS. Coll. B. M.
Mestleta multiguttata, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 8, (1885).

Ceylon.

Genus **Sonagara.**

2809. SONAGARA BIVITTATA.

Sonagara bivittata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 7.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim, Camorta.
Allied to *S. decussata*.

2810. SONAGARA DECUSSATA.

Sonagara decussata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 8.

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.

2811. Sonagara reticulata.

Thermesia (?) *reticulata*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1062, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.
Sonagara reticulata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Drepanodes (?) *scitaria*, Walker, *loc. cit.*, xxvi, p. 1488, (1862).
Anisodes (?) *pyriniata*, Walker, *loc. cit.* xxvi, p. 1582, (1862).
Homodes thermesioides, Snellen, Tijd. Voor. Ent., vol. xx, p. 28, pl. 2, fig. 15, (1877).
Sonagara scitaria, Moore, Lep. Ceyl. iii, p. 206, pl. 175, figs. 1, 1*a*, (1885).
Collection Swinhoe, Bombay, Rangoon.
Also recorded from Sikkim, South India, Andaman Islands, and Ceylon.

2812. Sonagara strigipennis.

Sonagara strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 180, (1882).
Sikkim.

2813. Sonagara strigosa.

Sonagara strigosa, Moore, Descr. Ind. Lep. Atk. ii, p. 180, pl. 5, fig. 17, (1882).
Calcutta.
Allied to *S. reticulata*.

2814. Sonagara vialis.

Sonagara vialis, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 9.
Himalayas.
Allied to *S. strigipennis*.

Genus **Azazia**.

2815. Azazia rubricans.

Ophiusa rubricans, Boisd., Faun. Lep. Mad., p. 106, pl. 16, fig. 1, (1834).*
Thermesia rubricans, Guén., Noct. iii, p. 356, 1827, (1852).*
Azazia rubricans, Walker, Cat. Lep. Het. B. M., xv. p. 1576, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78; and 1877, p. 611.
——————— Butler, Ann. Mag. N. H. (5), 5, p. 225, (1880).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522; and 1885, p. 468.
——————— Moore, Lep. Ceyl. iii, p. 204, pl. 173, figs. 3, 3*a*, (1885).
Thermesia transducta, Walker, *loc. cit.* xxxiii, p. 1058, (1865).
Thermesia consueta, Walker, Char. Undescr. Lep. Het., p. 93, (1869).
I. M., Poona (Swinhoe), Sind (Murray and Swinhoe).
Collection Swinhoe, Sikkim, Solun, Karachi, Bombay, Poona, and Khandalla.
Also recorded from South Africa, Ceylon, Andaman Islands, Navigators Islands, and all parts of India.

Genus **Marmorinia.**

2816. Marmorinia shivula.

Marmorinia shivula, Guén., Noct. iii, 372, 1856, (1852).*
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1598, (1858).

Sylhet.

2817. Marmorinia singha.

Marmorinia singha, Guén., Noct. iii, 372, 1855, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1578, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus **Mecodina.**

2818. Mecodina lanceola.

Mecodina lanceola, Guén., Noct. iii, 373, 1857, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1599, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus **Singara.**

2819. Singara diversalis.

Singara diversalis, Walker, Cat. Lep. Het. B. M., xxxiii, 1113, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus **Fascellina.**

2820. Fascellina castanea.

Fascellina castanea, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.

South Andaman Islands.
Allied to *F. chromataria*.

2821. Fascellina chromataria.

Fascellina chromataria, Walker, Cat. Lep. Het. B. M., xx, p. 215, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

I. M., Andaman Islands (purchased), Sibsagar (Peal), Sikkim (Barnes; also purchased).
Collection Swinhoe, Sylhet.

2822. Fascellina viridis.

Fascellina viridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 79, pl. 7, fig. 4.

I. M., Sibsagar (Peal).
Collection Swinhoe, Solun, Sylhet.

Genus **Pleurona.**

2823. PLEURONA FALCATA.

Pleurona falcata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1564, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 612, pl. 60, fig. 6.

Andaman Islands.

Genus **Gesonia.**

2824. GESONIA FLAVIFRONS.

Gesonia flavifrons, Moore, Lep. Ceyl. iii, p. 552, pl. 214, fig. 8, (1887).

Ceylon.

2825. GESONIA GEMMA.

Gesonia gemma, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

I. M., Poona (Swinhoe).
Collection Swinhoe, Poona.

2826. GESONIA OBEDITALIS.

Gesonia obeditalis, Walker, Cat. Lep. Het. B. M., xvi, p. 75, (1858).
———— Moore, Lep. Ceyl. iii, p. 213, (1885).

Ceylon.

2827. GESONIA SCITULA.

Thermesia (?) *scitula*, Walker, Cat. Lep. Het. B. M., xxxv, p. 1973, ♀, (1866).
Gesonia scitula, Moore, Lep. Ceyl. iii, p. 213, pl. 174, fig. 6, (1885).

South India, Ceylon.

2828. GESONIA SECUNDALIS.

Gesonia secundalis, Walker, Cat. Lep. Het. B. M., xvi, p. 235, (1858).
———— Moore, Lep. Ceyl. iii, p. 212, (1885).

Ceylon.

Genus **Macna.**

2829. MACNA POMALIS.

Macna pomalis, Walker, Cat. Lep. Het. B. M., xvi, p. 78, (1858).

Singapore.

Genus **Ugia.**

2830. UGIA DISJUNGENS.

Ugia disjungens, Walker, Cat. Lep. Het. B. M., xv, p. 1861, (1858).

Singapore.

Genus **Saroba.**

2831. SAROBA PUSTULIFERA.

Saroba pustulifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1097, (1865).

North India.

Genus **Obdora.**

2832. OBDORA NIGRILINEA.

Obdora nigrilinea, Walker, Char. Undescr. Lep. Het., p. 95, (1869).
Benares.

Genus **Tamba.**

2833. TAMBA SUBMICACEA.

Tamba submicacea, Walker, Char. Undescr. Lep. Het., p. 94, (1869).
Benares.

Genus **Zinna.**

2834. ZINNA NIGRIPALPIS.

Zinna nigripalpis, Walker, Char. Undescr. Lep. Het., p. 96, (1869).
Benares.

Genus **Sarunga.**

2835. SARUNGA CALIDA.

Sarunga calida, Walker, Char. Undescr. Lep. Het., p. 110, (1869).
Sylhet.

Genus **Doranaga.**

2836. DORANAGA APICALIS.

Doranaga apicalis, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 7, (1887).
Ceylon.

2837. DORANAGA STRIATURA.

Doranaga striatura, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 11, (1887).
Ceylon.

Group DELTOIDES.

Family PLATYDIDÆ.

Genus **Masca**.

2838. Masca abactalis.

Masca abactalis, Walker, Cat. Lep. Het. B. M., xvi, p. 9, (1858).

Singapore.

Genus **Episparis**.

2839. Episparis exprimens.

Episparis exprimens, Walker, Trans. Ent. Soc. Lond. (3) i, p. 106, (1862-64).

——————— Cat. Lep. Het. B. M., xxxiii, p. 1032, (1865).

India.

2840. Episparis sejunctalis.

Pradiota sejunctaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1572, (1866).
Episparis sejunctalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

Bengal.

2841. Episparis tortuosalis.

Episparis tortuosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81, pl. 7, fig. 5.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2842. Episparis varialis.

Neviasca varialis, Walker, Cat. Lep. Het. B. M., xvi, p. 7, (1858).
Episparis varialis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81; and 1877, p. 611.
——————— Lep. Ceyl. iii, p. 217, pl. 175, fig. 12, (1885).
Episparis signata, Walker, *loc. cit.*, xxxiii, p. 1032, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470; and (1886), p. 452.
Episparis davallia, Felder & R. Reise, Novara Lep., pl. 120, fig. 41, p. (1873).

I. M., Calcutta, Andaman Islands (purchased), Sikkim (purchased), Ranchi (Irvine), Kulu (purchased).
Collection Swinhoe, Sikkim, Mhow, Poona, Bombay, Rangoon.
Also recorded from Ceylon.

Genus **Claterna**.

2843. CLATERNA CYDONIA.

Phalæna (*Noctua*) *cydonia*, Cram., Pap. Exot. i, pl. 22, fig. F, (1775).
Brotis cydoniaria, Hübn., Verz. Bek. Schmett, p. 303, 2926, (1816).*
Herminia sidonia, Guérin., Icon. Reg. Anim., pl. 90, fig. 5, ().*
Trigonia cydonialis, Guén., Delt. et Pyral, p. 12, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi. p. 4, (1858).
Focilla submemorans, Walker, *loc. cit.*, xv, p. 1533, (1858).
Claterna exagens, Walker, *loc. cit.*, xv, p. 1543, (1858).
Claterna cydonia, Moore, Lep. Ceyl. iii, p. 216, pl. 175, fig. 11, (1885).

Ceylon.

FAMILY HYPENIDÆ.

Genus **Dichromia**.

2844. DICHROMIA OROSIA.

Phalæna (*Noctua*) *orosia*, Cram., Pap. Exot. iii, pl. 275, fig. D, (1780).
Calymma orosia, Hübn., Verz. Bek. Schmett, p. 281, 2760, (1816).*
Dichromia orosialis, Guén., Delt. et Pyral, p. 18, No. 7, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Dichromia orosia, Moore, Lep. Ceyl. iii, p. 220, pl. 176, figs. 1, 1*a*, (1885).

I. M., Sibsagar (Peal), Ceylon (Colombo Museum), Bangalore, Barakur, Sikkim (purchased), Kulu (purchased).
Collection Swinhoe, Solun, Dharmsala, Poona, Ceylon.

2845. DICHROMIA PULLATA.

Dichromia pullata, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 4, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.

I. M., Matheran, (Swinhoe).
Collection Swinhoe, Bombay, Matheran, Lanaoli, Khandalla.
Also recorded from Ceylon.

2846. DICHROMIA QUADRALIS.

Dichromia quadralis, Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

North India.

2847. DICHROMIA TRIGONALIS.

Dichromia trigonalis, Guén., Delt. et Pyral. 19, 8, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

I. M., Sikkim (Swinhoe)
Collection Swinhoe, Solun, Mandi, Sikkim.
Also recorded from Nepal.

2848. DICHROMIA TRIPLICALIS.

Dichromia triplicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 16, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

I. M., Buxa (Moti Ram), North Khasi Hills, Shillong, Sikkim, Cherrapunji.

Genus **Talapa.**

2849. TALAPA CALIGINOSALIS.

Remigia (?) *caliginosa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).
Talapa caliginosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 6.

Collection Swinhoe, Sikkim.

Genus **Anoratha.**

2850. ANORATHA COSTALIS.

Anoratha costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 1, (*not* 9).

Collection Swinhoe, Sikkim.

2851. ANORATHA PARITALIS.

Hypena paritalis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858).
Anoratha paritalis, Moore, Lep. Ceyl. iii, p. 219, pl. 176, figs. 7, 7*a*, (1885).

Ceylon.

Genus **Corcobara.**

2852. CORCOBARA ANGULIPENNIS.

Corcobara angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 186, pl. 6, fig. 16, (1882).
——————————— Lep. Ceyl. iii, p. 218, pl. 176, fig. 3, (1885).

Ceylon, Sikkim.

2853. CORCOBARA THWAITESI.

Corcobara thwaitesi, Moore, Lep. Ceyl. iii, p. 218, pl. 176, figs. 2, 2*a* ♀, 2*b*, (1885).

Ceylon.

Genus **Apanda.**

2854. APANDA DENTICULATA.

Apanda denticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 24, (1882).

Sikkim.

Genus **Harita.**

2855. HARITA RECTILINEA.

Harita rectilinea, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 23, (1882).

Khasi Hills.

Genus **Mathura.**

2856. MATHURA ALBISIGNA.

Mathura albisigna, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).

Cherrapunji.

Genus **Rhynchina.**

2857. RHYNCHINA ANGULIFASCIA.

Rhynchina angulifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).
Mussoorie, Cashmir.

2858. RHYNCHINA PERVULGARIS.

Rhynchina pervulgaris, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 5; and 1886, p. 452.
Collection Swinhoe, Mhow, Poona, Bombay.

2859. RHYNCHINA PIONEALIS.

Rhynchina pionealis, Guén., Delt. et Pyral. 21, 10, (1854).*
———— Walker, Cat. Lep. Het. B. M., xvi, p. 18, (1858).
India.

2860. RHYNCHINA XYLINA.

Rhynchina xylina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452.
Collection Swinhoe, Mhow.

Genus **Hypena.**

2861. HYPENA ABDUCALIS.

Hypena abducalis, Walker, Cat. Lep. Het. B. M., xvi. p. 66, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.
I. M., Mhow (Swinhoe).
Collection Swinhoe, Solun, Umballa, Mhow.
Also recorded from Bengal.

2862. HYPENA ABSIMILIS.

Hypena absimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Khasi Hills.
Allied to *H. occatus*.

2863. HYPENA BASISTRIGALIS.

Hypena basistrigalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Kulu (purchased).
Also recorded from Cherrapunji and Sikkim.

2864. HYPENA BIANGULATA.

Hypena biangulata, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 9, (1885).
Ceylon.

2865. HYPENA CASTANEALIS.

Hypena castanealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

2866. HYPENA CERVINALIS.

Hypena cervinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
I. M., Kulu (purchased).
Collection Swinhoe, Sikkim.

2867. HYPENA CIDARIOIDES.

Hypena cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.
Allied to *H. tortuosa*.

2868. HYPENA COGNATA.

Hypena cognata, Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 8, (1885).
Ceylon.

2869. HYPENA COLOMBANA.

Hypena colombana, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 8, (1885).
I. M., (?) Andaman Islands (purchased).
Also recorded from Ceylon.

2870. HYPENA COSTINOTALIS.

Hypena costinotalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Collection Swinhoe, Sikkim.

2871. HYPENA DENTILINEALIS.

Hypena dentilinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 7.
I. M., Andaman Islands (purchased).

2872. HYPENA DETERSALIS.

Hypena detersalis, Walker, Cat. Lep. Het. B. M., xvi, p. 232, (1858).
——————— Moore, Lep. Ceyl. iii, p. 226, (1885).
Ceylon.

2873. HYPENA DIVARICATA.

Hypena divaricata, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills, Sikkim.
Allied to *H. labatalis*.

2874. HYPENA DIVISALIS.

Hypena divisalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Sikkim.

2875. Hypena (?) elongalis.

Phalæna elongalis, Fabr., Syst. Gloss. 221, 345.*
Hypena (?) elongalis, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
Tranquebar.

2876. Hypena extensa.

Hypena externa, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1139, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Sikkim.

2877. Hypena externa

Hypena extensa, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Sikkim.

2878. Hypena flexuosa.

Hypena flexuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Collection Swinhoe, Sikkim.

2879. Hypena (?) gemina.

Hyblæa gemina, Fabr., Syst. Gloss. 128, 6.*
Hypena (?) geminalis, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
India.

2880. Hypena griseipennis.

Hypena griseipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Cherrapunji.
Allied to *H. laceratalis* and *H. ignotalis*.

2881. Hypena iconicalis.

Hypena iconicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 61, (1858).
———— Moore, Lep. Ceyl. iii, p. 225, pl. 175, fig. 9, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.
I. M., Andaman Islands (purchased), Sibsagar (Peal).
Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and Java.

2882. Hypena ignotalis.

Hypena ignotalis, Walker, Cat. Lep. Het. B. M., xvi, p. 60, (1858).
North India.

2883. Hypena incurvata.

Hyena incurvata, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.
Allied to *H. abducalis*.

2884. HYPENA INDICALIS.

Hypena indicalis, Guén., Delt. et Pyral. 31, 25, (1854).*
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 55, (1858).

Collection Swinhoe, Sikkim.

2885. HYPENA INEFFECTALIS.

Hypena ineffectalis, Walker, Cat. Lep. Het. B. M., xvi, p. 85, (1858).
————————Moore, Lep. Ceyl. iii, p. 226, (1885).

Collection Swinhoe, Travancore, Bombay.
Also recorded from Ceylon.

2886. HYPENA JOCOSALIS.

Hypena jocosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).
————————Moore, Lep. Ceyl. iii, p. 223, (1885).

Ceylon.

2887. HYPENA LABATALIS.

Hypena labatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 66, (1858).
————————Moore, Lep. Ceyl. iii, p. 225, pl. 176, fig. 6, (1885).

Ceylon.

2888. HYPENA LACERATALIS.

Hypena laceratalis, Walker, Cat. Lep. Het. B M., xvi, p. 60, (1858).
————————Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
————————Moore, Lep. Ceyl. iii, p. 224, pl. 176, figs. 5, 5*a*, (1885).
————————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

I. M., Karachi (Swinhoe and Murray), Kulu (purchased).
Collection Swinhoe, Karachi, Poona, Bombay.
Also recorded from Ceylon.
Closely allied to *H. ignotalis*.

2889. HYPENA LACESSALIS.

Hypena lacessalis, Walker, Cat. Lep. Het. B. M., xvi, p. 59, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

2890. HYPENA LÆSALIS.

Hypena læsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 62, (1858).
———————— Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 10, (1885).

India, Ceylon.

2891. HYPENA LATIVITTA.

Hypena lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).

Collection Swinhoe, Sikkim.
Allied to *H. tenebralis*.

2892. Hypena lignealis.

Hypena lignealis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1138, (1865).
——————Moore, Lep. Ceyl. iii, p 226, (1885).

Ceylon.

2893. Hypena longipennis.

Hypena longipennis, Walker, Cat. Lep Het. B. M., xxxiv, p. 1139 (1865); and xxxv, p. 1976, (1866).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Sikkim, Nilgiri Hills.

2894. Hypena mandatalis.

Hypena mandatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).
—————— Moore, Lep. Ceyl. iii, p. 225, (1885).
—————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2895. Hypena masurialis.

Hypena masurialis, Guén., Delt. et Pyral. 38, 40, (1854).*
—————— Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).

Mussoorie.

2896. Hypena mediana.

Hypena mediana, Moore, Descr. Ind. Lep. Atk. ii, 1882, p. 189.

Parisnath.

2897. Hypena mimicalis.

Hypena mimicalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 6.

Collection Swinhoe, Poona, Bombay, Bhuj coast.

2898. Hypena modesta.

Hypena modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim
Also recorded from Cherrapunji.

2899. Hypena molpusalis.

Hypena molpusalis, Walker, Cat. Lep. Het. B. M., xix, p. 844, (1859).
—————— Moore, Lep. Ceyl. iii, p. 222, (1885).
—————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.
Hypena subapicalis, Walker, *loc. cit.*, xxxiv, p. 1137, (1865).
Hypena sparsalis, Walker, *loc. cit.*, p. 1511.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2900. HYPENA NARRATALIS.

Hypena narratalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).
I. M., Kulu (purchased).
Collection Swinhoe, Kasauli.

2901. HYPENA OBDUCTALIS.

Hypena obductalis, Walker, Cat. Lep. Het. B. M., xvi, p. 56, (1858).
Collection Swinhoe, Solun.

2902. HYPENA OBSTUPIDALIS.

Hypena obstupidalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 7.
I. M., Bombay and Khandalla (Swinhoe).
Collection Swinhoe, Poona, Bombay, Khandalla.
Allied to *H. ignotalis*.

2903. HYPENA OCCATUS.

Hypena occatus, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Cherrapunji, Khasi Hills.

2904. HYPENA OCHREIPENNIS.

Hypena ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).
Sikkim.
Allied to *H. proboscidialis*.

2905. HYPENA OPHIUSOIDES.

Hypena ophiusoides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.

2906. HYPENA QUÆSITALIS.

Hypena quæsitalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).
——————— Moore, Lep. Ceyl. iii, p. 225, (1885).
Ceylon.

2907. HYPENA QUINQUELINEALIS.

Hypena quinquelinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
South Andaman Islands.

2908. HYPENA PROBOSCIDALIS.

Pyralis proboscidalis, Linn., Faun. Suec. 1346, (1761).
——————— Syst. Nat. ii, p. 881, (1767).
——————— Clerck, Icon, pl. 5, fig. 4 (1759).
——————— Fabr., Sp. Ins. ii, p. 271, No. 173, (1781).
——————— Mant. Ins. ii, p. 217, No. 270, (1787).
——————— Wien., Verz 119, 1.*

HYPENA PROBOSCIDALIS—*continued*.

———————— Sulz., Hist. Ins., pl. 23, fig. 6.*
———————— Gmel., Ed. Syst. Nat. i, 5. 2520, 331.*
———————— Hübn., Eur. Schmett, v, fig. 7.*
Phalæna rostralis, Berk., Syn. i, 146, (1795).*
Geometra proboscidalis, Treit., Syst. Nat. iii, 274.*
Phalæna lusalis, Fabr., Ent. Syst. iii, p. 221, No. 343, (1794).
Crambus proboscidens, Fabr., Suppl., 465, 7.*
Crambus proboscidatus, Haw., Lep. Brit. 365, 1.*
Hypena proboscidalis, Treit., Schm., 22.*
———————— Dup., Lep. France, 22, pl. 212, fig. 2.*
———————— Steph., Ill. Brit. Haust. iv, 11, 1.*
———————— Herr Schäff., Schm. Eur. vi, 426.*
———————— Guén., Delt. et Pyral, 30, 24, (1854)*.
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 24, (1858).

Collection Swinhoe, Solun.
Also recorded from Europe.

2909. HYPENA RECTIVITTALIS.

Hypena rectivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.

Bengal.

2910. HYPENA RHOMBOIDALIS.

Hypena rhomboidalis, Guén., Delt. et Pyral, 33, 29, (1854).*

Ceylon.

2911. HYPENA SIMILATA.

Hypena similata, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Khasi Hills, Calcutta.
Allied to *H. iconicalis*.

2912. HYPENA SPECULALIS.

Hypena speculalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 8.

Bombay.

2913. HYPENA STIPATA.

Nanaguna (?) *stipata*, Walker, Cat. Lep. Het. B. M., xxvii, p. 85, (1863).
Hypena stipata, Moore, Lep. Ceyl. iii, p. 227, (1885).

Ceylon.

2914. HYPENA STRIGIFASCIA.

Hypena strigifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

Sikkim.

2915. HYPENA SURREPTALIS.

Hypena surreptalis, Walker, Cat. Lep. Het. B. M., xvi, iv, p. 84, (1858).
———————— Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2916. HYPENA TATORHINA.

Hypena tatorhina, Butler, Ill. Typ. Lep. Het. iii, p. 60, pl. 55, fig. 13, (1879).
——————— Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Kulu (purchased).
Also recorded from Kalapani (Punjab).

2917. HYPENA TENEBRALIS.

Hypena tenebralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Sikkim (Swinhoe).
Collection Swinhoe, Sikkim.

2918. HYPENA TORTUOSA.

Hypena tortuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).

Debra, Sikkim.
Allied to *H. jocosalis*.

2919. HYPENA TRIANGULARIS.

Hypena triangularis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

Khasi Hills.

2920. HYPENA UMBRIPENNIS.

Hypena umbripennis, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Khasi Hills.

2921. HYPENA UNDULALIS.

Hypena undulalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1138, (1865).

India.
Allied to *H. abducalis*.

2922. HYPENA VECORDIALIS.

Hypena vecordialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 10.

Collection Swinhoe, Bombay.

Genus **Bomolocha**.

2923. BOMOLOCHA VESTITA.

Bomolocha vestita, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 10, (1885).
Hypena rhombalis, Walker (*nec* Guén.), Cat. Lep. Het. B. M., xvi, p. 56, (1858).

Ceylon.

Genus **Nolasena**.

2924. NOLASENA FERRIFERVENS.

Nolasena ferrifervens, Walker, Cat. Lep. Het. B. M., xii, p. 982, (1857).
——————— Moore, Lep. Ceyl. iii, p. 230, pl. 177, fig. 9, (1885)

Ceylon.

Genus **Marapana.**

2925. MARAPANA INCONGRUALIS.

Hypena incongrualis, Walker, Cat. Lep. Het. B. M., xvi, p. 232, (1858).
Marapana incongrualis, Moore, Lep. Ceyl. iii, p. 228, pl. 177, fig. 5, (1885).

Ceylon.

2926. MARAPANA RARALIS.

Hypena raralis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858).
Marapana raralis, Moore, Lep. Ceyl. iii, p. 227, (1885).

Ceylon.

Genus **Ophiuche.**

2927. OPHIUCHE CONSCITALIS.

Hypena conscita Walker, Cat. Lep. Het. B. M., xxxiv, p. 1509, (1865).
————*lis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Ophiuche conscitalis, Moore, Lep. Ceyl. iii, p. 228, pl. 175, fig. 4, (1885).
Hypena perna, Felder & R. Reise, Novara Lep., pl. 120, fig. 8, (1873).

Bengal, Cherrapunji, Ceylon.

2928. OPHIUCHE MISTACALIS.

Herminia mistacalis, Guén., Delt. et Pyral., pp. 60, 69, (1854).*
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
Hypena pactolis, Walker, *loc. cit.*, xvi, p. 64, (1858).
Ophiuche mistacalis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 6, (1885).

India, Ceylon.

2929. OPHIUCHE OBACERALIS.

Hypena obaceralis, Walker, Cat. Lep. Het. B. M., xvi, p. 53, (1858).
Hypena obliqualis, Kollar, Hüg. Kasch. iv, p. 491, (1848).
Ophiuche obaceralis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 5, (1885).
Hypena obaceralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and South Africa.

FAMILY HERMINIIDÆ.

Genus **Bleptina.**

2930. BLEPTINA MOROSA.

Bleptina morosa, Butler, Ill. Typ. Lep. Het. iii, p. 64, pl. 56, fig. 15, (1879).
———————— Proc. Zool. Soc. Lond. 1883, p. 166.

Collection Swinhoe, Solun.

Genus **Corgatha.**

2931. CORGATHA MINORALIS.

Bleptina minoralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1164, (1865).
Corgatha minoralis, Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.
Allied to *C. omariusalis*.

2932. CORGATHA OMARIUSALIS.

Bleptina omariusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 871, (1865).
Corgatha omariusalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 7, (1885).

Ceylon.

2933. CORGATHA RENALIS.

Corgatha renalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 3, (1885).

Ceylon.

2934. CORGATHA ZONALIS.

Corgatha zonalis, Walker, Cat. Lep. Het. B. M, xvi, p. 216, (1858).
———— Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.

Genus **Chusaris.**

2935. CHUSARIS PUNCTILINEALIS.

Chusaris (?) *punctilinealis*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1175, (1865).
———— Moore, Lep. Ceyl. iii, p. 252, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2936. CHUSARIS RETATALIS.

Chusaris retatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 215, (1858).
———— Moore, Lep. Ceyl. iii, p. 252, (1885).
Bleptina spurcatalis, Walker, *loc. cit.* xxxiv, p. 1163, (1865).

Ceylon.

Genus **Luceria.**

2937. LUCERIA NOVATUSALIS.

Luceria novatusalis, Walker, Cat. Lep. Het. B. M., xix, p. 854, (1859).
———— Moore, Lep. Ceyl. iii, p. 252, (1885).

Ceylon.

Genus **Ilyrgis.**

2938. ILYRGIS ECHEPHUREALIS.

Ilyrgis echephurealis, Walker, Cat. Lep. Het. B. M., xix, p. 880, (1859).
———————— Moore, Lep. Ceyl. iii, p. 243, (1885).

Ceylon.

Genus **Adrapsa.**

2939. ADRAPSA ABLUALIS.

Adrapsa ablualis, Walker, Cat. Lep. Het. B. M., xvi, p. 170, and p. 246, (1858).
———————— Moore, Lep. Ceyl. iii, p. 245, (1885).

India, Ceylon.

Genus **Imma.**

2940. IMMA RUGOSALIS.

Imma rugosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 195, (1858).
Imma bugosalis (sic), Moore, Lep. Ceyl. iii, p. 246, (1885).
Pingrasa accuralis, Walker, *loc. cit.*, p. 227, ♀, (1858).

Ceylon.

Genus **Dragana.**

2941. DRAGANA PANSALIS.

Dragana pansalis, Walker, Cat. Lep. Het. B. M., xvi, p. 200, (1858).
———————— Moore, Lep. Ceyl. iii, p. 251, (1885).
Apphadana evulsalis, Walker, *loc. cit.*, xxxiv, p. 1213, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1877, p. 613.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.
Poaphila concors, Walker, *loc. cit.*, xxxv, p. 1969, (1866).

I. M., Andaman Islands (purchased), Mergui (Anderson).
Collection Swinhoe, Bombay, Travancore, and Poona.
Also recorded from Ceylon.

Genus **Lamida.**

2942. LAMIDA MONCUSALIS.

Lamida moncusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 252, (1858).

Collection Swinhoe, Solun.

Genus **Apphadana.**

2943. APPHADANA FESTINA.

Apphadana festina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 3.

I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Bombay, Nilgiri Hills.

2944. APPHADANA MISERA.

Aphandala (sic) *misera*, Butler, Proc. Zool. Soc. Lond. 1883, p. 166.
Apphadana misera, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.

Collection Swinhoe, Mhow, Assirgarh.

2945. APPHADANA NIGROFUSCA.

Apphadana nigrofusca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 4.

Collection Swinhoe, Poona.

2946. APPHADANA RUBICUNDULA.

Apphadana rubicundula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 2.

Collection Swinhoe, Bombay.

2947. APPHADANA RUSTICULA.

Apphadana rusticula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, pl. 28, fig. 1.

Collection Swinhoe, Poona.

Genus **Gabala.**

2948. GABALA POLYSPILALIS.

Gabala polyspilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1221, (1865).

Collection Swinhoe, Bombay, Khandalla, Purundhur, Nilgiri Hills.

Genus **Orosa.**

2949. OROSA TORTRICOIDES.

Orosa tortricoides, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1223, (1865).
———— Moore, Lep. Ceyl. iii, p. 250, (1885).

Ceylon.

Genus **Herminia.**

2950. HERMINIA ALBIRENALIS.

Herminia albirenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

Sikkim.

2951. HERMINIA (?) APIDANUSALIS.

Herminia (?) *apidanusalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 240, (1858).

North India.

2952. HERMINIA DIFFUSALIS.

Herminia diffusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).
———— Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2953. HERMINIA DUPLEXA.

Herminia duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, pl. 6, fig. 18, (1882).

Sikkim.

2954. Herminia hadenalis.

Herminia hadenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.

2955. Herminia (?) limbosalis.

Herminia (?) *limbosalis*, Guén., Delt. et Pyral., 59, 67, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).

India.

2956. Herminia lineosa.

Herminia lineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).

Sikkim.

2957. Herminia ochracealis.

Herminia ochracealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

Sikkim.

2958. Herminia orthosiana.

Herminia orthosiana, Swinhoe, Proc. Zool. Soc. Lond. 1885, pl. 473, p. 28, fig. 15.

Collection Swinhoe, Bombay.

2959. Herminia restricta.

Herminia restricta, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Collection Swinhoe, Sikkim.
Allied to *H. hadenalis*.

2960. Herminia striga.

Thalpochares striga, Felder & R. Reise, Novara Lep., pl. 109, fig. 29, (1872).

I. M., Kulu (purchased).
Collection Swinhoe, Solun, Kulu.

2961. Herminia timonalis.

Herminia timonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).
——————— Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2962. Herminia velifera.

Herminia velifera, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473, pl. 28, fig. 17.

Poona.

2963. HERMINIA VIALIS.

Herminia vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).
Cherrapunji.
Allied to *H. hadenalis*.

Genus **Mastygophora.**

2964. MASTYGOPHORA SCOPIGERALIS.

(?) *Mastygophora scopigeralis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 86.
I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.

Genus **Echana.**

2965. ECHANA ABAVALIS.

Echana abavalis, Walker, Cat. Lep. Het. B. M., xvi, p. 196, (1858).
———— Moore, Lep. Ceyl. iii, p. 241, pl. 177, fig. 10, (1885).
Collection Swinhoe, Khandalla.
Also recorded from Ceylon and Borneo.

2966. ECHANA PLICALIS.

Echana plicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 86, pl. 7, fig. 7.
Collection Swinhoe, Sikkim.

Genus **Bibacta.**

2967. BIBACTA TRUNCATA.

Bibacta truncata, Moore, Descr. Ind. Lep. Atk. ii, p. 198, pl. 6, fig. 25, (1882).
India.

Genus **Madopa.**

2968. MADOPA QUADRILINEATA.

Madopa quadrilineata, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).
Collection Swinhoe, Sikkim.

Genus **Zanclognatha.**

2969. ZANCLOGNATHA ERECTA.

Zanclognatha erecta, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).
I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Sikkim.
Allied to *Z.* (*Paracolax*) *tarsiplumalis*, Hübn; and *Z.* (*Herminia*) *griscalis*, Treit., both of Europe.

2970. ZANCLOGNATHA UNDULATA.

Zanclognatha undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 193 (1882).
Allied to *Z. erecta*.

Genus **Hydrillodes.**

2971. HYDRILLODES GRAVATALIS.

Bocana gravatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 175, (1858).
Echana tennenti, Felder & R. Reise, Novara Lep., pl. 120, fig. 1, (1873).
Hydrillodes gravatalis, Moore, Lep. Ceyl. iii, p. 238, pl. 177, fig. 12, (1885).

Ceylon.

2972. HYDRILLODES LENTALIS.

Hydrillodes lentalis, Guén., Delt. et Pyral., p. 66, pl. 5, fig. 3, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).
——————— Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 11, (1885).
Catada (?) *captiosalis*, Walker, *loc. cit.* xvi, p. 210, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Poona, Khandalla, Bombay, Ceylon.

2973. HYDRILLODES SUBBASALIS.

Hydrillodes subbasalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 8.

I. M., Andaman Islands (purchased).

2974. HYDRILLODES TRANSVERSALIS.

Hydrillodes transversalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

I. M., Andaman Islands (purchased).

Genus **Bertula.**

2975. BERTULA ABJUDICALIS.

Bertula abjudicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 163, (1858).
——————— Moore, Lep. Ceyl. iii, p. 239, (1885).
Bocana tumidalis, Walker, *loc. cit.* xvi, p. 176, (1858).

Collection Swinhoe, Ceylon.

2976. BERTULA BREVIVITTALIS.

Bertula brevivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Bengal.

2977. BERTULA CHALYBEALIS.

Bertula chalybealis, Moore, Proc. Zool. Soc., Lond. 1867, p. 87, pl. 7, fig. 8.

I. M., Sikkim.

2978. BERTULA CONTINGENS.

Bertula contingens, Walker, Cat. Lep. Het. B. M., xvi, p. 245, (1858).
——————— Moore, Lep. Ceyl. iii, p. 240, (1885).

Ceylon.

2979. Bertula hisbonalis.

Bertula hisbonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 164, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Sylhet.

2980. Bertula imparatalis.

Bertula imparatalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1168, (1865).

India.

2981. Bertula placida.

Bertula placida, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Sikkim.
Allied to *B. chalybealis*.

2982. Bertula stigmatalis.

Bertula stigmatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Bengal.

2983. Bertula thyrisalis.

Bertula thyrisalis, Walker, Cat. Lep. Het. B. M., xvi, p. 167, (1858) & xix, p. 886, (1859).

Ceylon, Australia.

2984. Bertula vialis.

Bertula vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Sikkim.

Genus **Nodaria.**

2985. Nodaria cingala.

Nodaria cingala, Moore, Lep. Ceyl. iii, p. 233, (1885).

Ceylon.

2986. Nodaria externalis.

Nodaria externalis, Guén., Delt. et Pyral, pp. 64, 78, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, and 1886, p. 433.

I. M., Bombay and Poona (Swinhoe), Kulu (purchased).
Collection Swinhoe, Poona, Bombay, Mhow, Travancore, Nilgiri Hills.

Genus **Catada.**

2987. Catada renalis.

Bocana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Cherrapunji, Khasi Hills.
Allied to *C. vagalis*.

2988. Catada vagalis.

Bocana vagalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858).
Catada glomeralis, Walker, *loc. cit.* xvi, p. 210, (1858).
Catada vagalis, Moore, Lep. Ceyl. iii, p. 246, (1885).

Collection Swinhoe, Travancore.
Also recorded from Ceylon and Borneo.

Genus **Hipoepa.**

2989. Hipoepa fractalis.

Herminia fractalis, Guén., Delt. et Pyral., p. 60, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 114, (1858).
Bertula raptatalis, Walker, *loc. cit.*, xvi, p. 164, (1858).
Hypoepa (sic) *fractalis*, Moore, Lep. Ceyl. iii, p. 235, (1885).
Hipoepa raptatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

Collection Swinhoe, Poona.
Also recorded from Ceylon.

2990. Hipoepa lapsalis.

Hipoepa lapsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 188, (1858).
——————— Moore, Lep. Ceyl. iii, p. 235, pl. 177, fig. 6, (1885).

Ceylon.

Genus **Hadennia.**

2991. Hadennia albinotalis.

Bertula albinotalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

Andaman Islands.
Allied to *H. mysalis* and *H. hypenalis*.

2992. Hadennia hypenalis.

Bocana hypenalis, Walker, Cat. Lep. Het. B. M., xvi, p. 174, (1858).
Hadennia hypenalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2993. Hadennia jutalis.

Bocana jutalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858).
Hadennia jutalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2994. Hadennia mysalis.

Bertula mysalis, Walker, Cat. Lep. Het. B. M., xix, p. 886, (1859).
Hadennia mysalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2995. Hadennia prunosa.

Hadennia prunosa, Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 8, (1885).

Ceylon.

Genus **Bocana.**

2996. BOCANA BASALIS.

Bocana basalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.

Bengal.

2997. BOCANA DETERMINATA.

Bithiasa determinata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1116, (1865).
Diomea repulsa, Walker, *loc. cit.* xxxiii, p. 899, (1865).
Bocana determinata, Moore, Lep. Ceyl. iii, p. 244, (1885).

Ceylon.

2998. BOCANA (?) ERUBESCENS.

Bocana (?) *erubescens*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).

South India.

2999. BOCANA GEOMETROIDES.

Lusia geometroides, Walker, Cat. Lep. Het. B. M., xiii, p. 1113, (1857).
Bocana geometroides, Moore, Lep. Ceyl. iii, p. 244, (1885).

Ceylon.

3000. BOCANA MANIFESTALIS.

Bocana manifestalis, Walker, Cat. Lep. Het. B. M., xvi, p. 171, ♀, (1858).
———————— Moore, Lep. Ceyl. iii, p. 243, (1885).
Lamura oberratalis, Walker, *loc. cit.* xvi, p. 189, ♂ (1858).

Ceylon.

3001. BOCANA MARGINATA.

Bocana marginata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 19, (1882).

Sikkim.
Allied to *B. schaldusalis*, Walker, of Borneo.

3002. BOCANA MURINALIS.

Bocana murinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

Bengal.

3003. BOCANA PICTA.

Bocana picta, Moore, Descr. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 21, (1882).

Khasi Hills.

3004. BOCANA QUADRILINEALIS.

Bocana quadrilinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.

I. M., Sikkim, Sibsagar.

3005. Bocana subapicalis.

Bocana subapicalis, Moore, Lep. Ceyl. iii, p. 244, (1885).
Ceylon.

3006. Bocana viridalis.

Bocana viridalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.
I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bengal.

Genus **Pantura.**

3007. Pantura ophiusalis.

Bocana ophiusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 173, (1858).
Pantura ophiusalis, Moore, Lep. Ceyl. iii, p. 247, pl. 177, fig. 4, (1885).
Ceylon.

Genus **Byturna.**

3008. Byturna cucullata.

Byturna cucullata, Moore, Lep. Ceyl. iii, p. 254, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.
Collection Swinhoe, Poona, Bombay.
Also recorded from Ceylon.

3009. Byturna digramma.

Bocana digramma, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).
Byturna digramma, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.
——————— Moore, Lep. Ceyl. iii, p. 254, (1885).
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Mhow, Assirgarh.
Also recorded from Ceylon.

Genus **Avitta.**

3010. Avitta cervina.

Briarda cervina, Walker, Cat. Lep. Het. B. M., xxxv, p. 1968, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Collection Swinhoe, Sikkim, Khandalla.

3011. Avitta fasciosa.

Avitta fasciosa, Moore, Lep. Atk. ii, p. 194, pl. 6, fig. 26, (1882).
Khasi Hills.

3012. Avitta rufifrons.

Avitta rufifrons, Moore, Lep. Ceyl. iii, p. 554, pl. 215, fig. 2, (1887).
Ceylon.

3013. AVITTA SUBSIGNANS.

Avitta subsignans, Walker, Cat. Lep. Het. B. M., xv, p. 1675, (1858).

I. M., Andaman Islands.
Collection Swinhoe, Andaman Islands, Bombay, Nilgiri Hills.
Also recorded from Kanara.

Genus **Labanda.**

3014. LABANDA ACHINE.

Bocana achine, Felder & R. Reise, Novara iv, pl. 120, fig. 18, (1873).
Labanda achine, Moore, Lep. Ceyl. iii, p. 249, (1885).

Ceylon.

3015. LABANDA CHLOROMELLA.

Diomea chloromella, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858).
Labanda herbealis, Walker, *loc. cit.* xvii, p. 284, (1859).
Plotheia chloromella, Moore, Lep. Ceyl. iii, p. 111, (1885).
Labanda chloromella, Moore, *loc. cit.*, p. 249, (1885).

Ceylon.

3016. LABANDA MUSCOSA.

Diomea muscosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 898, (1865).
Labanda saturalis, Walker, *loc. cit.* xxxiv, p. 1251, (♂ only), (1865).
Labanda muscosa, Moore, Lep. Ceyl. iii, p. 248, (1885).

India, Ceylon.

3017. LABANDA SATURALIS.

Labanda saturalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1251, (1865), (only).

India.

3018. LABANDA SEMIPARS.

Bryophila semipars, Walker, Cat. Lep. Het. B. M., xv, p. 1647, (1858).
———— Moore, Lep. Ceyl. iii, p. 3, (1884).
Bocana (?) *pamphosalis*, Walker, *loc. cit.* xix, p. 887, (1859).
Gerbatha laticincta, Walker, *loc. cit* xxxiii, p. 913, (1865).
Labanda semipars, Moore, Lep. Ceyl. iii, p. 248, (1885).
Labanda pamphosalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474; and 1886, p. 453.

I. M., Poona (Swinhoe).
Collection Swinhoe, Mhow, Travancore, Khandalla, Poona, Sikkim.
Also recorded from Ceylon.

Genus **Cephena.**

3019. CEPHENA COSTATA.

Cephena costata, Moore, Descr. Ind. Lep. Atk. ii, p. 196, pl. 6, fig. 17, (1882).

Collection Swinhoe, Khasi Hills, Sikkim.

Genus **Asthala.**

3020. ASTHALA SILENUSALIS.

Bocana silenusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 179, (1858.)
Asthala silenusalis, Moore, Descr. Ind. Lep. Atk. ii, p. 197, pl. 6, fig. 22, (1882).

Khasi Hills, Cherrapunji, Borneo.

Genus **Aginna.**

3021. AGINNA ROBUSTALIS.

Herminia robustalis, Guén., Delt. et Pyral., pp. 58, 66, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
Bocana turpatalis, Walker, *loc. cit.* xvi, p. 174, (1858).
Aginna turpatalis, Swinhoe, Trans. Ent. Soc. Lond. 1884, p. 353.
Aginna circumscripta, Swinhoe (*nec* Walker), Proc. Zool. Soc. Lond. 1885, p. 474.
Aginna robustalis, Moore, Lep. Ceyl. iii, p. 234, pl. 177, figs. 1, 1a, (1885).

I. M., Poona, Bombay (Swinhoe).
Collection Swinhoe, Quetta, Sikkim, Mandi, Jacobabad (Sind), Poona, Bombay, Ceylon.

3022. AGINNA SIMILIS.

Aginna similis, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882).

Sikkim.
Allied to *A. robustalis.*

3023. AGINNA SIMULATA.

Aginna simulata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882).

Bombay, Calcutta.
Allied to *A. robustalis.*

Genus **Bematha.**

3024. BEMATHA EXTENSA.

Bematha extensa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1095, (1865).

North India.

Genus **Rivula.**

3025. RIVULA BIOCULALIS.

Rivula bioculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.
——————— Lep. Ceyl. iii, p. 253, (1885).

Ceylon, Andaman Islands.

3026. RIVULA FLAVONIGRA.

Rivula flavonigra, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 47, fig. 15.

I. M., Sind (Karachi Museum).
Collection Swinhoe, Karachi, Kotree, Hydrabad, Bombay.

3027. Rivula oculalis.

Rivula oculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.
Andaman Islands.

3028. Rivula pallida.

Rivula pallida, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882).
Calcutta.
Allied to *R. bioculalis*.

3029. Rivula sericialis.

Pyralis sericialis, Denis, Wien. Verz. 122, 18, (1775)*.
———— Fabr., Mant. Ins. ii, 218. 283, (1787).
———— Ent. Syst. iii, 2, p. 226, No. 364, (1794).
———— Gmel., Ed. Syst. Nat. i, 5, 2521, 925*.
———— Hübn., Pyral., pl. 7, fig. 56*.
———— Haw., Lep. Brit. 381*.
———— Treit., Schmett, 125*.
Pyralis lecana, (?) Fabr., Ent. Syst. iii, 2, 242, 2, (1794).
———— Donov., Brit. Ins. x, 87, pl. 357, fig. 1*.
———— Treit., Syst. Nat. iii, 342*.
Metaxmeste sericealis, Hübn., Verz. Bek. Schmet. 352, 3364, (1816).
Margaritia sericealis, Steph., Ill. Brit. Haust iv, 58, 27*.
Rivula limbata, Herr Schäft., Eur. Schmett, vi, 447, 5*.
Rivula sericealis, Dup., Lep. 445, pl. 219*.
———— Guén., Delt. et. Pyral. 48, 53*.
———— Walker, Cat. Lep. Het. B. M., xvi, p. 92, (1858).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 620.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Hydrabad.
Also recorded from Europe.

Genus **Cyclopteryx.**

3030. Cyclopteryx canaliferalis.

Cyclopteryx canaliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.
Andaman Islands.

Genus **Myana.**

3031. Myana atromacula.

Myana atromacula, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 5.
Collection Swinhoe, Karachi.

3032. Myana sopora.

Myana sopora, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 4.
Collection Swinhoe, Karachi, Hydrabad (Sind).

Genus **Pasira.**

3033. PASIRA ÆNIGMATICA.

Pasira ænigmatica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 11.

I. M. A specimen with no history.
Collection Swinhoe, Poona, Bombay.

3034. PASIRA BIATOMEA.

Pasira biatomea, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
——————— Lep. Ceyl. iii, (1885).

Ceylon.

3035. PASIRA INSCITIA.

Pasira inscitia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473.
Collection Swinhoe, Bombay.

3036. PASIRA OCHRACEA.

Pasira ochracea, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882).
Calcutta.

3037. PASIRA RENALIS.

Pasira renalis, Moore, Lep. Ceyl. iii, p. 250, (1885).
Ceylon.

3038. PASIRA RUSSA.

Pasira russa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 13.
I. M. Bombay (Swinhoe).
Collection Swinhoe, Poona, Bombay.

Genus **Æthia.**

3039. ÆTHIA ALBICOSTA.

Æthia albicosta, Moore, Lep. Ceyl. iii, p. 232, (1885).
Ceylon.

Genus **Nabartha.**

3040. NABARTHA MARGINATA.

Nabartha marginata, Moore, Lep. Ceyl. iii, p. 234, pl. 177, fig. 2, (1885).
Ceylon.

Genus **Helia.**

3041. HELIA FIGURATA.

Helia figurata, Moore, Lep. Ceyl. iii, p. 239, (1885).
Ceylon.

3042. Helia lunifera.

Helia lunifera, Moore, Lep. Ceyl. iii, p. 238, (1885).

Ceylon.

Genus **Spadix.**

3043. Spadix vegetus.

Spadix vegetus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 14; and 1886, p. 453.

I. M., Mhow (Swinhoe).
Collection Swinhoe, Bombay, Mhow.

Genus **Asta.**

3044. Asta quadrilinea.

Asta quadrilinea, Walker, Journ. Linn. Soc. Lond. vii, p. 171, (1864).
————————————Cat. Lep. Het. B. M., xxxiii, p. 901, (1865).

Collection Swinhoe, Bombay.
Also recorded from Borneo.

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462°

A

CATALOGUE

OF

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Group GEOMETRITES.

Family URANIIDÆ.

Genus **Nyctalemon.**

3045. Nyctalemon najabula.

Nyctalemon najabula, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
Lyssidia najabula, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Andaman Islands.
Collection Swinhoe, Andaman Islands.

3046. Nyctalemon patroclus.

Papilio (*Eq. achiv.*) *patroclus*, Linn., Mus. Lud. Ulr., 204, (1764).*
——————— Syst. Nat. ii, p. 749, No. 24, (1767).
——————— Clerk, Icon., pl. 37, fig. 1, (1759).*
——————— Fabr., Sp. Ins. ii, p. 13, No. 53, (1781).
——————— Mant. Ins. ii, p. 7, No. 59, (1787).
——————— D'Aubent, Miscell., pl. 17, figs. 1, 2.*
——————— Oliv., Enc. Méth. Ins. Pap., pl. 8, fig. 1.*
——————— Cram., Pap. Exot. iii, pl. 198, fig. A, (1779), pl. 109, figs. A, B, (1777).
——————— Herbst., Pap., pl. 54, figs. 2, 3, pl. 55, fig. 1.
——————— Gmel., Ed. Syst. Nat. 1, 5, 2236, 24.*
Noctua patroclus, Fabr., Ent. Syst. iii, 2, p. 8, No. 2, (1794).
Urania patroclus, Latr. et God., Enc. Méth. ix, 710, 5.*
——————— Lam., Nat. Hist. Anim. Invert. iv, 194.*
——————— Boisd., Voy. de l'Astrolabe, Pt. 1, Lep., p. 254, No. 2, (1832).
Lyssa achillaria, Hübn., Verz. Schmett, p. 289, 2808, (1816).
——————— Lares, Heroicæ, Larundæ, Lyssæ, 2808, 2809.*
Lyssa patroclaria, Hubn., Verz. Schmett, p. 289, No. 2809, (1816).
Nyctalemon patroclus, Westw., Ed. Drury, 1, p. 13, pl. 7, fig. 1, pl. 8, fig. 1, (1837).*
——————— Lucas, Bull. Soc. Ent. Fr. (5), x, p. 53, (1880).
——————— Walker, Cat. Lep. Het. B. M. i, p. 8, (1854).
Lyssidia patroclus, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Sylhet.
Collection Swinhoe, Sylhet.
Also recorded from Java, the Moluccas, and China.

3047. Nyctalemon zampa.

Nyctalemon zampa, Butler, Ent. Mo. Mag. v, p. 273, (1868-69).
——————— Moore, Journ. As. Soc. Beng., pt. ii, No. 3, p. 234, (1884).
Papilio patroclus, Drury (*nec* Linn.), Ins. i, pls. 7-8, fig. 1, (1770).

I. M., Sylhet.
Collection Swinhoe, Assam.

Family EROSIIDÆ.

Genus Orudiza.

3048. Orudiza protheclaria.

Orudiza protheclaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 858, (1861).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Kanara.
Also recorded from North India.

Genus Dirades.

3049. Dirades adjutaria.

Doana adjutaria, Walck., Cat. Ceyl. Ins.*
Erosia adjutaria, Walker, Cat. Lep. Het., B. M. xxiii, p. 849, (1861).
Dirades adjutaria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 9, (1887).
Erosia theclata, Guén., Phal. ii, p. 36, (1857).*
——— Walker, *loc. cit.* xxiii, p. 846.
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863.
Erosia verticaria, Felder & R. Reise, Novara, pl. 128, fig. 7, (1874).

I. M., Khandalla.
Collection Swinhoe, Solun, Karachi, Poona, Khandalla.
Also recorded from Ceylon.

3050. Dirades bidens.

Erosia bidens, Felder & R. Reise, Nov., pl. 128, fig. 38, ♀, (1874).

Bengal.

3051. Dirades binotata.

Dirades binotata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1650, (1866).
——— Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 7, ♀, (1887).

Collection Swinhoe, Solun.
Also recorded from Ceylon.

3052. Dirades cervinaria.

Erosia cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Bengal.

3053. Dirades conchiferata.

Dirades conchiferata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 11, (1887).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3054. Dirades conifera.

Dirades conifera, Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 8, (1887).

Ceylon.

3055. DIRADES FERRUGATA.

Dirades ferrugata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1651, (1866).
——————— Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3056. DIRADES (?) FIGURARIA.

Erosa (?) *figuraria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 850, (1861).
Dirades figuraria, Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3057. DIRADES HIMALA.

Erosia himala, Butler, Ann. Nat. Hist. (5), vi, 1880, p. 221.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 47, pl. 112, fig. 9, (1886).

Collection Swinhoe, Khasi Hills, Darjiling.

3058. DIRADES HYPERBOLICA.

Erosia hyperbolica, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528, pl. 48, fig. 15.

I. M., Sibsaghar (Peal), Sikkim, Andaman Islands (De Roepstorff).

Collection Swinhoe, Karachi.

3059. DIRADES IRRORATA.

Dirades irrorata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 10, (1887).

Ceylon.

3060. DIRADES LATIFASCIATA.

Dirades latifasciata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, figs. 12, 12*a*, *b*, (1887).

Ceylon.

3061. DIRADES LILACINA.

Dirades lilacina, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 4, (1887).

Ceylon.

3062. DIRADES MULTISTRIGARIA.

Dirades multistrigaria, Moore, Descr. Ind. Lep. Atk., p. 260, (1887).

Darjiling.

3063. DIRADES OBSCURARIA.

Dirades obscuraria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 6, (1887).

Ceylon.

3064. Dirades palaca.

Erosa palaca, Walker, Cat. Lep. Het. B. M. xxiii, p. 849, (1861).
Dirades palaca, Moore, Lep. Ceyl. iii, p. 401, pl. 186, fig. 2, (1887).

Ceylon.

3065. Dirades parvula.

Dirades parvula, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 5, (1887).

Ceylon.

3066. Dirades prunaria.

Dirades prunaria, Moore, Lep. Ceyl. iii, p. 400, (1887).

Ceylon.

3067. Dirades quadricaudata.

Erosia quadricaudata, Walker, Cat. Lep. Het. B. M., xxiii, p. 847, (1861).
——————— Moore, Lep. Ceyl. iii, p. 401, pl. 186, figs. 1, 1*a*, (1887).
Erosia varisaria, Walker, *loc. cit.*, xxiii, p. 848, (1861), and xxvi, p. 1757, (1862).

Collection Swinhoe, Sibsaghar, Andaman Islands.
Also recorded from Canara and Ceylon.

3068. Dirades reticulata.

Dirades reticulata, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Darjiling.

3069. Dirades rhagavata.

Erosia rhagavata, Walker, Cat. Lep. Het. B. M., xxiii, p. 848, (1861).
——————— Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 3, (1887).

Ceylon.

3070. Dirades ruptaria.

Dirades ruptaria, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Calcutta.

Genus **Hastina.**

3071. Hastina cœruleolineata.

Hastina cœruleolineata, Moore, Descr. Ind. Lep. Atk., p. 260, (1887).

Darjiling.

Genus **Gathyna.**

3072. Gathyna miraria.

Gathyna miraria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1639, (1862).
——————— Moore, Lep. Ceyl. iii, p. 398, pl. 187, fig. 4, (1887).

Collection Swinhoe, Pangi, Bombay, Nilgiri Hills.
Also recorded from Ceylon.

Family EUSCHEMIDÆ.

Genus **Euschema.**

3073. Euschema abrupta.

Euschema abrupta, Walker, Trans. Ent. Soc. Lond., 3rd Ser. i, 70, (1862-64).
———————— Cat. Lep. Het. B. M., xxxi, p. 172, (1864).

Assam.

3074. Euschema andamana.

Euschema andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 599.
———————— Waterhouse, Aid, i, pl. xi, (1880-82).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.

3075. Euschema andersoni.

Euschema andersoni, Moore, Journ. Linn. Soc. Lond. Zool. xxi, p. 56,(1886).

Mergui.

3076. Euschema aurilimbata.

Euschema aurilimbata, Moore, Proc. Zool. Soc. Lond., 1878, p. 846.

I. M., Mergui (Anderson).
Also recorded from Tenasserim.

3077. Euschema bellissima.

Euschema bellissima, Moore, Proc. Zool. Soc. Lond. 1879, p. 414
———————— Lep. Ceyl. iii, p. 423, pl. 189, figs. 1, 1 *a*, *b*, ♀, (1887).

Ceylon.
Allied to *E. subrepleta* (Walker), from Borneo.

3078. Euschema bellona.

Euschema bellona, Walker, Cat. Lep. Het. B. M., ii, p. 405, (1854).

I. M., Mergui (Anderson).
Collection Swinhoe, Burma.

3079. Euschema discalis.

Euschema discalis, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 333, (1859).

India, Penang.

3080. Euschema excubitor.

Euschema excubitor, Moore, Proc. Zool. Soc. Lond. 1878, p. 846.
———————— Butler, Ann. Nat. H. (5) xvi, p. 347, (1885).

Assam, Tenasserim.

3081. EUSCHEMA HORSFIELDI.

Euschema horsfieldi, Moore, Cat. Lep. Mus. E. I. C. ii, p. 334, pl. 8*a*, fig. 7, (1859).
——————— Proc. Zool. Soc. Lond. 1878, p. 846.
——————— Journ. As. Soc. Beng., vol. 55, pt. ii, (1886), p. 100.

I. M., Tavoy (Moti Ram).
Also recorded from Tenasserim.

3082. EUSCHEMA LUNULATA.

Euschema lunulata, Butler, Ann. Nat. Hist., (5), xx, p. 375, (1882).
——————— Moore, Journ. As. Soc. Beng. vol. 55, pt. 2, No. 1, (1868), p. 100.

I. M., Nicobar Islands (De Niceville, also purchased), Tavoy (Moti Ram).
Also recorded from Tenasserim.

3083. EUSCHEMA MALAYANA.

Hazis malayanus, Guér., Delessert, Hist. Nat., p. 89, pl. 23, fig. 2, (1843).*
Euschema malayanus, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).
Euschema malayana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Kanara, Khandalla, Matheran.
Also recorded from Malay and Borneo.

3084. EUSCHEMA MILITARIS.

Phalæna militaris, Linn., Mus Lud. Ulr. 375, (1764).
——————— Syst. Nat. Edit. xii, ii, p. 811, No. 12, (1767).
——————— Roës, Ins. iv., pl. 6, fig. 3.*
——————— Gmel., Ed., Syst. Nat., i, 5, 2407, 12.*
——————— D'Aubent, Miscell., pl. 67, fig. 1.*
Phalæna militaris, Cram., Pap. Exot. i, pl. 29, fig. B, (1775).
Bombyx militaris, Fab., Syst. Ent. p. 559, No. 12, (1775).
——————— Sp. Ins. ii, p. 171, No. 22, (1781).
——————— Mant. Ins. ii, p. 110, No. 25, (1787).*
——————— Oliv., Enc. Meth. Ins. v. 32, 32, pl. 70, fig. 5.*
Euschema militaris, Walker, Cat. Lep. Het. B. M. ii, p. 405, (1854).
——————— Hübn., Verz. Bek. Schmett. p. 175, No. 1803. (1816).
——————— Butler, Ann. Nat. Hist. (5), xvi, (1885), p. 347.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 846.
——————— Cat. Lep. Mus. E. I. C. ii, 333, (1859).
——————— Journ. As. Soc. Beng., vol. 55, pt. 2, No. 1, (1866), p. 99.
Hazis militaris, Boisd., Voy. de l' Astrolabe, pt. i, Lep. 203, 1, (1832).
——————— Feisthamel, Voy. de la Favorite, Suppl. 20.*

I. M., Sibsaghar, Shillong, Cachar, Mergui (Anderson), Cherra pungi, Sylhet, Naga Hills, Sikkim (purchased), Khasi Hills, Nancowry (purchased), Tavoy (Moti Ram).
Collection Swinhoe, Burma, Darjiling, Nicobar Islands, Andaman Islands, Matheran.

3085. EUSCHEMA NIGRESCENS.

Euschema nigrescens, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879).

Darjiling.

3086. EUSCHEMA PALMYRA.

Phalæna (*Bombyx*) *palmyra*, Stoll., Suppl. Cramer, Pap. Exot. v, p. 159, pl. 36, fig. 1, (1791).
Euschema palmyra, Hübn., Verz. Schmett. p. 175, No. 1804, (1816).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.
Cystidia (?) *palmyra*, Walker, Cat. Lep. Het. B. M. ii, p. 342, (1854).

I. M., Matheran.
Collection Swinhoe, Wynaad, Calicut, Matheran, Khandalla.
Also recorded from Tranquebar.

3087. EUSCHEMA PROBA.

Euschema proba, Butler, Ann. Nat. Hist. (5), vi, p. 120, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 48, pl. 113, fig. 2, (1886).

Darjiling, Borneo.

3088. EUSCHEMA PRUNICOLOR.

Euschema prunicolor, Moore, Proc. Zool Soc. Lond. 1879, p. 414.
——————— Lep. Ceyl. iii, p. 423, pl. 189, fig. 2, ♂, (1887).

Ceylon.

3089. EUSCHEMA SODALIS.

Euschema sodalis, Moore, Journ, As. Soc. Beng. vol. 55, pt. ii, No. 1, (1886), p. 99.

I. M., Tavoy and Buxa (Moti Ram), Sikkim (purchased; also Barnes), Sibsaghar (Peal).

3090. EUSCHEMA SUBREPLETA.

Euschema subrepleta, Walker, Cat. Lep. Het. B. M. ii, p. 406, (1854).

I. M., Mergui (Anderson).
Also recorded from Ceylon and Borneo.

3091. EUSCHEMA TRANSVERSA.

Euschema transversa, Walker, Cat. Lep. Het. B. M. ii, p. 407, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C., ii, p. 334, (1859).
——————— Lep. Ceyl. iii, p. 422, pl. 189, figs. 3, 3*a*, (1887).

I. M., Sikkim (Atkinson).
Also recorded from Ceylon.

Genus **Cusuma.**

3092. CUSUMA LIMBATA.

Cusuma limbata, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.
———————— Lep. Ceyl. iii, p. 424, pl. 189, fig. 5, ♀, (1887).

Ceylon.
Allied to *C. vilis*.

3093. CUSUMA VILIS.

Euschema vilis, Walker, Cat. Lep. Het. E. M. ii, p. 408, (1854).
Cusuma vilis, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.
———————— Lep. Ceyl. iii, p. 424, pl. 189, fig. 4, ♂, (1887).

Ceylon.

Genus **Milionia.**

3094. MILIONIA GLAUCA.

Phalæna glauca, Cramer, Pap. Exot. iv, pl. 368, fig. D, (1781).
Milionia glauca, Walker, Cat. Lep. Het. B. M. ii, p. 365, (1854); and vii, p. 1656, (1856).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Epidesma pyrrho, Hübn., Verz. Bek. Schmett, p. 176, No. 1821, (1816).

Collection Swinhoe, Tenasserim.
Also recorded from Amboina.

3095. MILIONIA LATIVITTA.

Milionia lativitta, Moore, Proc. Zool. Soc. Lond., 1872, p. 570.

Sikkim.

3096. MILIONIA PULCHRINERVIS.

Milionia pulchrinervis, Felder & R. Reise, Novara, pl. 104, fig. 6, ♀, (1868).

Sikkim.

3097. MILIONIA PYROZONIS.

Milionia pyrozonis, Butler, Ann. Nat. Hist. (5), x, (1882), p. 375.
———————— Moore, Journ. As. Soc. Beng., vol. 55, pt. ii, No. 1, (1886), p. 97.

I. M., Tavoy (Moti Ram).
Collection Swinhoe, Sikkim.

3098. MILIONIA ZONEA.

Milionia zonea, Moore, Proc. Zool. Soc. Lond., 1872, p. 569.
———————— Journ. As. Soc. Beng., vol. 55, pt. ii, No. 3, (1884), p. 234.

I. M., Sikkim (purchased; also Barnes), Sibsaghar, Cachar (Wood-Mason).
Allied to *M. pyrozonis*.

Genus **Celerena.**

3099. CELERENA ANDAMANA.

Celerena andamana, Felder & R. Reise, Novara Lep. iv, pl. 130, fig. 18, ♂, (1874).
——————— (?) Moore, Proc. Zool. Soc. Lond., 1877, p. 600.
——————— Butler, Proc. Zool. Soc. Lond., 1883, p. 168.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Tenasserim, Andaman Islands.

3100. CELERENA DIVISA.

Celerena divisa, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, 72, (1862-64).
——————— Cat. Lep. Het. B. M. xxxi., p. 166, (1864).
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 48, pl. 113, fig. i, (1886).

I. M., Sibsaghar, (Peal), Sikkim (Barnes).
Collection Swinhoe, Darjiling.

Genus **Panæthia.**

3101. PANÆTHIA IRIDICOLOR.

Panæthia iridicolor, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 227.
——————— Ill. Typ. Het. B. M. vi, p. 49, pl. 113, fig. 3, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

FAMILY URAPTERYDÆ.

Genus **Urapteryx.**

3102. URAPTERYX EBULEATA.

Urapteryx ebuleata, Guén., Phal. i, p. 32, 7, (1857).*
——————— Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
——————— Butler, Trans. Linn. Soc. Lond. 1883, p. 199.
Urapteryx sambucaria (var.), Koll., Hüg. Kasch. vol. iv, p. 483, (1848).
Urapteryx kantalaria, Felder & R. Reise, Novara, pl. 122, fig. 3, ♂, (1873).

Kashmir, Sikkim.

3103. URAPTERYX CLARA.

Urapteryx clara, Butler, Ann. Nat. Hist. (5), vi, p. 120, (1880).
——————— Journ, Linn. Soc. Lond., 1883, p. 199.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig. 6, (1886).

N.-E. Himalayas.
Allied to *U. multistrigaria.*

3104. Urapteryx (?) falcataria.

Urapteryx (?) *falcataria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

Darjiling.

3105. Urapteryx margaritata.

Urapteryx margaritata, Moore, Proc. Zool. Soc. Lond. 1867, p. 612.

Bengal.

3106. Urapteryx multistrigaria.

Urapteryx multistrigaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1535, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
——————— Butler, Journ. Linn. Soc. Lond., 1883, p. 198.

I. M., Kulu (Young), Shillong, Darjiling, N. Khasi Hills, Simla.
Collection Swinhoe, Pangi, Solun.
Allied to *U. ebuleata*.

3107. Urapteryx picticaudata.

Urapteryx picticaudata, Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860), and xxxv, p. 1535, (1866).
Urapteryx scitricaudaria, Walker, *loc. cit.* xxvi, p. 1480, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
——————— Butler, Journ. Linn. Soc. Lond. 1883, p. 198.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig. 5, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Borneo.
Allied to *U. ebuleata*.

3108. Urapteryx podaliriata.

Urapteryx podaliriata, Guén., Phal. i, p. 32, (1857).*
——————— Walker, Cat. Lep. Het. B. M, xx, p. 12, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612, and 1878, p. 850.
——————— Butler, Journ. Linn. Soc. Lond. 1883, p. 199.

Sylhet, Moulmein, Tenasserim, Java.

3109. Urapteryx primularis.

Urapteryx primularis, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 49, pl. 113, fig. 4. (1886).
Urapteryx picticaudata, Butler (*nec* Walker), Journ. Linn. Soc. Lond. xvii, p. 198, (1883).

Nepal, Darjiling.

3110. Urapteryx quadripunctata.

Urapteryx quadripunctata, Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

Bengal.

3111. URAPTERYX YERBURII.

Urapteryx yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.
Collection Swinhoe, Thundiani (Punjab).
Also recorded from Murree.
Allied to *U. clara*.

Genus **Xeropteryx**.

3112. XEROPTERYX COLUMBICOLA.

Urapteryx columbicola, Walker, Cat. Lep. Het. B. M., xx, p. 11, (1860).
Xeropteryx columbicola, Butler, Journ. Linn. Soc. Lond. 1883, p. 203.
I. M., Sikkim (De Niceville).

Genus **Sirinopteryx**.

3113. SIRINOPTERYX RUFIVINCTATA.

Urapteryx rufivinctata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1747, (1862), and xxxv, p. 1535, (1866).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 613.
Sirinopteryx rufivinctata, Butler, Journ. Linn. Soc. Lond. 1883, p. 201.
I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Thinopteryx**.

3114. THINOPTERYX CROCOPTERATA.

Urapteryx crocoptera, Koll., Hüg. Kasch. iv, p. 483, (1848).
Urapteryx crocopterata, Guén., Phal. i, 29, (1857).*
———————— Walker, Cat. Lep. Het. B. M. xx, p. 10, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 613, and 1877, p. 620.
Thinopteryx crocopterata, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.
———————— Moore, Journ. As. Soc. Beng., vol. 55, pt. ii, No. 1, (1886), p. 99.
I. M., Darjiling (purchased), Tavoy (Moti Ram), Cachar (Wood Mason), Sibsaghar (Peal) Sylhet, Kulu (Young).
Collection Swinhoe, Solun, Buxar, Darjiling.

3115. THINOPTERYX NEBULOSA.

Thinopteryx nebulosa, Butler, Journ. Linn. Soc. Lond., 1883, p. 203.
———————— Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 113, fig. 8. (1886).
I. M., Sibsaghar (Peal).
Collection Swinhoe, Sikkim.
Allied to *T. crocopterata* and *T. prætoraria*.

3116. THINOPTERYX PRÆTORARIA.

Urapteryx prætoraria, Felder & R. Reise, Novara Lep iv, pl. 122, fig. 13, ♂, (1873).
Thinopteryx prætoraria, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.
Sylhet.

Genus **Æschropteryx.**

3117. ÆSCHROPTERYX TESTACEATA.

Chærodes testaceata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615.

Collection Swinhoe, Darjiling.

Genus **Euchera.**

3118. EUCHERA PITMANI.

Euchera pitmani, Moore, Journ. As. Soc. Beng., vol. 55, pt. i, No. 2, p. 99, (1886).

I. M., Tavoy (type Moti Ram).

3119. EUCHERA SUBSTIGMARIA.

Euchera substigmaria, Hübn., Zutr. Exot. Sch. 29, 260, fig. 519, 520, (1832).*

———— Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

Cyclidia substigmaria, Guén., Phal. i, p. 63, 76, (1857).*

———— Walker, Cat. Lep. Het., B. M., xx, p. 56, (1860), and xxvi, p. 1482, (1862).

Abbraxas capitata, Walker, *loc. cit.* xxiv, p. 1121, (1862).

I. M., Sylhet, North Khasi Hills, Dunsiri, Silchar (Wood-Mason), Shillong, Sikkim (purchased), Sibsaghar (Peal), Buxar (Moti Ram), Kulu (Young), Mussoorie (Templeton).

Collection Swinhoe, Solun, Sylhet, Malda.

Also recorded from China.

Genus **Chorodna.**

3120. CHORODNA ADUMBRATA.

Chorodna adumbrata, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).

Darjiling.

3121. CHORODNA DECOLORATA.

Cyclidia decolorata, Walker, Char. Undescr. Lep. Het. Lond. 1869, p. 96.

Benares.

3122. CHORODNA EREBUSARIA.

Chorodna erebusaria, Walker, Cat. Lep. Het. B. M., xxi, p. 314, (1860).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 62, pl. 115, fig. 9, (1886).

I. M., Shillong, Sikkim (purchased).

Collection Swinhoe, Darjiling.

3123. CHORODNA METAPHÆARIA.

Cyclidia metaphæaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1482, ♂, (1862), & xxxv, p. 1536, (1866).

CHORODNA METAPHÆARIA—*continued.*

Chorodna metaphæaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 61, pl. 115, fig. 8, (1886).
Erebomorpha semiclusaria, Walker, *loc. cit.* xxvi, p. 1552, ♂, (1862).

I. M., Sikkim (Barnes), Yunan.
Collection Swinhoe, Darjiling.

3124. CHORODNA MURICOLARIA.

Cyclidia muricolaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1483, ♀, (1862).
Chorodna muricolaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3125. CHORODNA PALLIDULARIA.

Chorodna pallidularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

I. M., Sibsaghar (Peal), Sikhim (purchased), Buxar (Moti Ram).
Collection Swinhoe, Darjiling.

3126. CHORODNA PLAGIDOTATA.

Cyclidia (*?*) *plagidotata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1483, ♀, (1862).
Chorodna plagidotata, Moore, Proc. Zool. Soc. Lond , 1867, p. 614.

Darjiling.

3127. CHORODNA RECTATA.

Cyclidia rectata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1536, (1866).
Chorodna rectata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3128. CHORODNA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M., xxiv, p. 1142, (1862).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 651.
Cyclidia patulata, Walker, *loc. cit.*, xxxv, p. 1537, (1866).
Chorodna patulata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

I. M., Sikkim (purchased, also Barnes).
Collection Swinhoe, Darjiling.

3129. CHORODNA VULPINARIA.

Chorodna vulpinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Collection Swinhoe, Darjiling.

Genus **Dalima**.

3130. DALIMA APICATA.

Dalima apicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615, pl. 32, fig. 4.

I. M., Sikkim (purchased).

3131. Dalima patnaria.

Dalima patnaria, Felder & R. Reise, Novara, pl. 122, fig. 12, ♂, (1873).
Darjiling.

3132. Dalima schistacearia.

Dalima schistacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 615.
I. M., Darjiling.

Genus **Kalabana**.

3133. Kalabana albifera.

Kalabana albifera, Moore, Proc. Zool. Soc. Lond., 1879, p. 415.
Kulu.

Family ENNOMIDÆ.

Genus **Lagyra**.

3134. Lagyra (?) abstractaria.

Lagyra ? abstractaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).
India.

3135. Lagyra humiferata.

Lagyra humeriferata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1484, (1862).
South India.

3136. Lagyra megaspila.

Lagyra megaspila, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3137. Lagyra rigusaria.

Lagyra rigusaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Kanara.

3138. Lagyra successaria.

Lagyra successaria, Walker, Cat. Lep. Het. B. M., xx, p. 60, ♀, (1860).
Chizala decipiens, Walker, *loc. cit.* xx, p. 263, ♂, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852, and 1886, p. 454.
I. M., Ranchi (Irvine), Poona (Swinhoe).
Collection Swinhoe, Poona, Mhow.

3139. LAGYRA TALACA.

Lagyra talaca, Walker, Cat. Lep. Het. B. M., xx, p. 59, (1860), ♀.
———— *var.* Walker, *loc. cit.* xxvi, p. 1484, ♀, (1862).
———— Moore, Lep. Ceyl. iii, p. 392, pl. 185, figs. 1, 1*a*, 1*b*, (1886).
Chizala deceptatura, Walker, *loc. cit.*, xx, p. 264, ♂, (1860).
Lagyra bombycaria, Walker, *loc. cit.*, xxxv, p. 1539, ♂, (1866).

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sikkim, Ceylon, Poona.
Also recorded from Celebes and the Philippine Islands.

Genus **Drepanodes.**

3140. DREPANODES ARGENTILINEA.

Drepanodes argentilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 617.
Bengal.

3141. DREPANODES FENESTRARIA.

Drepanodes fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.
Bengal.

3142. DREPANODES QUINARIA.

Drepanodes quinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.
Bengal.

3143. DREPANODES TRILINEARIA.

Drepanodes trilinearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.
Darjiling.

Genus **Caustoloma.**

3144. CAUSTOLOMA ACUTIPENNIS.

Caustoloma acutipennis, Moore, Descr. Ind. Lep. Atk., p. 230, pl. 8, fig. 7, (1887).
Darjiling.

3145. CAUSTOLOMA ENNOMOSARIA.

Hyperythra ennomosaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).
Caustoloma ennomosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 619.
Sikkim.

Genus **Hyperythra.**

3146. HAPERYTHRA ANGULIFASCIA.

Hyperythra angulifascia, Moore, Proc. Zool. Soc. Lond., 1878, p. 851, pl. 53, fig. 11.
Tenasserim.

3147. Hyperythra ennomaria.

Hyperythra ennomaria, Guén. Phal. i, 103, 157, (1857).*
———————— Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860).

Bengal.

3148. Hyperythra lutea.

Phalæna (*Geometra*) *lutea*, Cram., Pap. Exot. iv, pl. 370, figs. C, D, (1781).
Hyperythra lutea, Moore, Proc. Zool. Soc. Lond., 1877, p. 620.
———————— Lep. Ceyl. iii, p. 393, pl. 185, figs. 6, 6a, (1886).
Hyperythra luteata, Moore, *loc. cit.*, 1867, p. 619.
Phalæna flavaria (?), Fabr., Mant. Ins. ii, p. 187, No. 32, (1787).
Phalæna flavata, Fabr., Ent. Syst. iii, 2, p. 169, No. 145, (1794).
———————— Gmel., Ed Syst. Nat. i, 5, 2460, 659.*
Hyperythra limbolaria, Guén., Phal. i, 101, 153, pl. 3, figs. 3, 4, ♀, (1857).*
———————— Walker, Cat. Lep. Het. B. M., xx, p. 127, (1860).
———————— Moore, Proc. Zool. Soc. Lond., 1878, p. 851.
———————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852.
Hyperythra penicillaria, Guén., Phal. 1, 101, 154, (1857).*
Aspilates susceptaria, Walker, *loc. cit.* xxxv, p. 1664, ♀, (1866).

I. M., Sikkim (Barnes), Sibsaghar (Peal), Buxar (Moti Ram), Kulu (Young), Ranchi (Irvine), Bombay (Swinhoe).
Collection Swinhoe, Solun, Umballa, Campbellpur, Bombay, Poona.
Also recorded from Andaman Islands, Ceylon, Java, China and Africa.

3149. Hyperythra (?) niguzaria.

Hyperythra (?) *niguzaria*, Walker, Cat. Lep. Het. B. M., xx, p. 129, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Sylhet.

3150. Hyperythra phantasma.

Hyperythra phantasma, Butler, Proc. Zool. Soc. Lond. 1881, p. 615, and 1886, p. 388.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, and 1885, p. 852.

Collection Swinhoe, Karachi.

3151. Hyperythra (?) riobearia.

Hyperythra (?) *riobearia*, Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860).
Collection Swinhoe, Sikkim, Nilgiri Hills.
Also recorded from Nepal.

3152. Hyperythra spurcataria.

Hyperythra spurcataria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Collection Swinhoe, Darjiling.

3153. HYPERYTHRA SWINHOEI.

Hyperythra swinhoei, Butler, Ann. Nat. Hist. (5) v, p. 223, (1880).
———— Proc. Zool. Soc. Lond. 1881, p. 614, and 1883, p. 169.
———— ———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, and 1886, p. 454.

Collection Swinhoe, Karachi, Mhow.

3154. HYPERYTHRA TRILINEATA.

Hyperythra trilineata, Moore, Proc. Zoo . Soc. Lond. 1867, p. 619.

Bengal.

3155. HYPERYTHRA VITTICOSTATA.

Hyperythra vitticostata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1497, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Darjiling.

Genus **Angerona.**

3156. ANGERONA CESSARIA.

Boarmia cessaria, Walker, Cat. Lep. Het. B. M., xxi, p. 383, (1860).
Angerona cessaria, Moore, Lep. Ceyl. iii, p. 390, pl. 185, figs. 7, 7*a*, ♂, ♀, (1886).
Angerona præclararia, Walker, *loc. cit.* xxvi, p. 1499, (1862).

Ceylon, Kanara.

3157. ANGERONA (?) CRŒSARIA.

Melinoessa crœsaria, Herr Schäff., Samm. Auss. Schmett. fig. 370, (1850-69).
Angerona (?) *crœsaria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1501, (1862).

Sylhet.

3158. ANGERONA PALLICOSTARIA.

Angerona pallicostaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Panisala.**

3159. PANISALA TRUNCATARIA.

Panisala truncataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Bengal.

Genus **Eurymene.**

3160. EURYMENE INUSTARIA.

Eurymene inustaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Bengal.

Genus Odontoptera.

3161. ODONTOPTERA CHALYBEATA.

Odontoptera chalybeata, Moore, Proc. Zool. Soc. Lond., 1872, p. 580, pl. 34, fig. 4.

I. M., Sikhim (purchased).
Allied to *O. discospilata*.

3162. ODONTOPTERA DISCOSPILATA.

Odontoptera discospilata, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim.

Genus Selenia.

3163. SELENIA CALCEARIA.

Hyperythra calcearia, Walker, Cat. Lep. Het. B. M., xx, p. 132, (1860).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

I. M., Kulu (Young).
Collection Swinhoe, Solun.

3164. SELENIA DECORATA.

Selenia decorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 621, pl. 32, fig. 9.

Collection Swinhoe, Darjiling.

3165. SELENIA DENTILINEATA.

Selenia dentilineata, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.
Allied to *S. calcearia*.

Genus Crocalis.

3166. CROCALIS ANGULARIA.

Crocalis angularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.

Collection Swinhoe, Kasaoli.

3167. CROCALIS BIVITTARIA.

Crocalis bivittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 622.

Bengal.

3168. CROCALIS KAMETARIA.

Colotois kametaria, Felder & R. Reise, Novara, pl. 123, fig. 28, ♂, (1873).

Himalayas, Rampur.

3169. CROCALIS LENTIGINOSARIA.

Crocalis lentiginosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.

Bengal.

3170. CROCALIS OBLIQUARIA.

Crocalis obliquaria, Moore, Proc. Zool. Soc. Lond, 1867, p. 622.
Bengal.

3171. CROCALIS SIMILARIA.

Crocalis similaria, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).
Darjiling.
Allied to *C. lentiginosaria*.

Genus **Ennomos**.

3172. ENNOMOS (?) SPILOTELARIA.

Ennomos (?) spilotelaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1519, (1862).
South India.

3173. ENNOMOS TESTACEARIA.

Ennomos testacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 623.
I. M., India.
Collection Swinhoe, Darjiling.

3174. ENNOMOS VIRIDATA.

Ennomos viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 623.
Bengal.

Genus **Epione**.

3175. EPIONE ADUSTATA.

Epione adustata, Moore, Descr. Ind. Lep. Atk., p. 229, pl. 8, fig. 20, (1887).
Khasi Hills.

3176. EPIONE GYNOPTERIDIA.

Epione gynopteridia, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 123.
——— Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 114, fig. 1, (1886).
North-East Himalayas.

3177. EPIONE OBLIQUILINEA.

Epione obliquilinea, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

Genus **Endropia**.

3178. ENDROPIA ALBIFRONS.

Endropia albifrons, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

3179. ENDROPIA ANTICLEATA.

Endropia anticleata, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

3180. ENDROPIA BASIPUNCTA.

Endropia basipuncta, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.
Collection Swinhoe, Darjiling.

3181. ENDROPIA LUGENS.

Endropia lugens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 52, pl. 114, fig. 2, (1886).
Collection Swinhoe, Darjiling.

Genus **Garæus.**

3182. GARÆUS COSTATUS.

Garæus costatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig. 4, (1886).
I. M., Sikkim (purchased).

3183. GARÆUS CRUENTATUS.

Garæus cruentatus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 52, pl. 114, fig. 3, (1886).
North-East Himalayas.
Closely allied to G. (*Endropia*) *mactans* of Japan.

3184. GARÆUS SPECULARIS.

Garæus specularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 623, pl. 32, fig. 3.
Collection Swinhoe, Darjiling.

Genus **Lycimna.**

3185. LYCIMNA POLYMESATA.

Lycimna polymesata, Walker, Cat. Lep. Het. B. M. xx, p. 215, (1860).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Sylhet.

Genus **Erebomorpha.**

3186. EREBOMORPHA FULGURARIA.

Erebomorpha fulguraria, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 85, pl. 120, fig. 2, (1886).
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

3187. EREBOMORPHA FULGURITA.

Erebomorpha fulgurita, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

I. M., Sikkim (purchased, also Barnes).
Collection Swinhoe, Sikkim.

3188. EREBOMORPHA PRÆTEXTATA.

Erebomorpha prætextata, Felder & R. Reise, Novara, pl. 126, fig. 16, ♂, (1874).

Darjiling.

3189. EREBOMORPHA XANTHOSOMA.

Erebomorpha xanthosoma, Felder & R. Reise, Novara, pl. 126, fig. 17, ♂, (1874).

Darjiling.

Genus **Orsonoba.**

3190. ORSONOBA CLELIA.

Phalæna clelia, Cram., Pap. Exot. iii, p. 172, pl. 288, figs. B, C, (1780).
Ayelena clelia, Walker, Cat. Lep. Het. B. M. xx, p. 195, (1860).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.
Orsononoba clelia, Moore, Lep. Ceyl., iii, p. 395, pl. 187, fig. 2, ♀.
Gorodontis cleliaria, Hübner, Verz, Bek. Schmett, p. 287, (1818-25).

Collection Swinhoe, Bombay.
Also recorded from Australia and Ceylon.

3191. ORSONOBA PALLIDA.

Orsonoba pallida, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.
———— Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig. 5, (1886).

I. M., Sikkim (purchased).

3192. ORSONOBA RAJACA.

Orsonoba rajaca, Walker, Cat. Lep. Het. B. M. xx, p. 219, (1860).
———— Moore, Lep. Ceyl. iii, p. 395, pl. 187, figs. 1, 1*a*, *b*, (1887).

Ceylon.

Genus **Pyrinia.**

3193. PYRINIA MARTIATA.

Crocopteryx martiata, Guén., Phal. i, 74, pl. 5, fig. 8, (1857).
Pyrinia martiata, Walker, Cat. Lep. Het. B. M. xx, p. 89, (1860).

India, Borneo, Java.

3194. PYRINIA PATALATA.

Heterolocha patalata, Felder & R. Reise, Novara, pl. 132, figs. 9, 9*a*, ♂, (1874).

Himalayas, Rampur.

3195. Pyrinia phœnicotæniata.

Aspilates phœnicotæniata, Kollar, Hüg. Kasch. iv, p. 487, (1848).
Heterolocha phœnico-tæniata, Felder & R. Reise, Novara, pl. 133, figs. 6, 6*a*, ♂, (1874).
(?) *Pyrinia phœnico-tæniata*, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.
I. M., Sibsaghar (Peal).
Collection Swinhoe, Solun.

Genus **Scardamia.**

3196. Scardamia metallaria.

Scardamia metallaria, Guén., Phal. i, p. 89, 134, (1857).
——————— Walker, Cat. Lep. Het. B. M. xx, p. 112, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.
——————— Moore, Lep. Ceyl. iii, p. 391, pl. 185, fig. 2, ♂, (1886).
Laginia bractearia, Walker, *loc. cit.*, xx, p. 245, (1860).
Scardamia taprobanes, Felder & R. Reise, Novara, v, pl. 123, fig. 2, (1873).
Collection Swinhoe, Solun, Travancore, Poona, Bombay.
Also recorded from Ceylon.

Genus **Venilia.**

3197. Venilia himalayica.

Ennomos himalayica, Koll., Hüg. Kasch. 485, (1848).
Venilia himalayata, Guén., Phal. i, 113, 174, (1857).
——————— Walker, Cat. Lep. Het. B. M., xx, p. 141, (1860).
Collection Swinhoe, Solun, Darjiling.

Genus **Entomopteryx.**

3198. Entomopteryx amputata.

Entomopteryx amputata, Guén., Phal. i, 171, 271, pl. 3, fig. 7, (1857).
——————— Walker, Cat. Lep. Het. B. M., xx, p. 202, (1860).
India (?)

Genus **Caberodes.**

3199. Caberodes achromaria.

Caberodes achromaria, Guén., Phal. i, 136, 211, (1857).
——————— Walker, Cat. Lep. Het. B. M., xx, p. 171, (1860).
North India.

Genus **Pericallia.**

3200. Pericallia olivescens.

Pericallia olivescens, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).
Darjiling.

3201. Pericallia sikkima.

Pericallia sikkima, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).
Darjiling.

Genus **Deva.**

3202. DEVA (?) INORNATA.

Deva (?) inornata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 848, (1865).
I. M., Mussouri (Templeton).
Collection Swinhoe, Solun.

Genus **Peetula.**

3203. PEETULA EXANTHEMATA.

Peetula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 231, (1887).
Darjiling.

FAMILY OXYDIDÆ.

Genus **Marcala.**

3204. MARCALA FLAVIFUSATA.

Marcala flavifusata, Moore, Descr. Ind. Lep. Atk., p. 231, pl. 8, fig. 6, (1887).
Darjiling.

3205. MARCALA GALBULATA.

Numeria galbulata, Felder & R. Reise, Novara, pl. 133, figs. 20, 20*a*, ♂, (1874).
Marcala galbulata, Moore, Lep. Ceyl. iii, p. 404, pl. 185, fig. 5, (1887).
Collection Swinhoe, Ceylon.

3206. MARCALA IGNIVORATA.

Marcala ignivorata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1764, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
Cherrapunji.

3207. MARCALA IRRORATA.

Marcala irrorata, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).
Darjiling.

3208. MARCALA OBLIQUARIA.

Marcala obliquaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).
Darjiling.

3209. MARCALA PLAGIATA.

Geometra plagiata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1601, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
Darjiling.

3210. Marcala saturataria.

Geometra saturataria, Walker, Cat. Lep. Het. B. M., xxii, p. 519, (1861).
Marcala saturataria, Moore, Lep. Ceyl. iii, p. 405, pl. 204, fig. 4, (1887).

I. M., Sibsaghar (Peal), Sikkim (purchased), Andaman Islands (purchased), Buxar (Moti Ram).
Collection Swinhoe, Sylhet, Sikkim, Buxar, Sibsaghar.

3211. Marcala sulphurescens.

Marcala sulphurescens, Moore, Lep. Ceyl. iii, p. 405, pl. 185, fig. 8, (1887).

Collection Swinhoe, Ceylon.

3212. Marcala usta.

Geometra usta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1602, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.

Genus **Oxydia.**

3213. Oxydia vulpinaria.

Oxydia vulpinaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).

Darjiling.

Genus **Metoxydia.**

3214. Metoxydia calamina.

Oxydia calamina, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 121.
Metoxydia calamina, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 55, pl. 114, fig. 7, (1886).

Darjiling.

Genus **Phœnix.**

3215. Phœnix iris.

Phœnix iris, Butler, Ann. Nat. Hist. (1880), (5) vi, p. 122.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 57, pl. 114, fig. 11, (1886).

Collection Swinhoe, Sikkim.

Genus **Omiza.**

3216. Omiza affinis.

Omiza affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

I. M., Andaman Islands (purchased).
Allied to *O. pachiaria*.

3217. Omiza pachiaria.

Omiza pachiaria, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860) and xxvi, p. 1523, (1862).

OMIZA PACHIARIA—*continued.*

Omiza pachiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 56, pl. 114, figs. 9 & 10, (1886).

I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Kulu.

3218. OMIZA PATULARIA.

Omiza patularia, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860).
Collection Swinhoe, Solun, Sikkim.

3219. OMIZA SCHISTACEA.

Omiza schistacea, Moore, Proc. Zool. Soc. Lond. 1878, p. 851, pl. 53, fig. 12.
Tenasserim.

Genus **Litbada.**

3220. LITBADA SERICEARIA.

Litbada sericearia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1571, (1866).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Litbada sericaria (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 54, pl. 113, fig. 7, (1886).

Sylhet.

Genus **Ellopia.**

3221. ELLOPIA PULCHRA.

Ellopia pulchra, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 56, pl. 114, fig. 8, (1886).

North-East Himalayas.

FAMILY ÆNOCHROMIDÆ.

Genus **Decetia.**

3222. DECETIA ABSTRACTARIA.

Decetia (?) *abstractaria*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1559, (1866).

India.

3223. DECETIA ARENOSA.

Decetia arenosa, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 121.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 58, pl. 113, fig. 9, (1886).

North-East Himalayas.

3224. Decetia capetusaria.

Decetia capetusaria, Walker, Cat. Lep. Het. B. M. xx, p. 233, (1860).
———————— Moore, Proc. Zool. Soc. Lond., 1867, p. 618.
Drepanodes (?) *circulitaria*, Walker, *loc. cit.* xxvi, p. 1489, (1862).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Sylhet.

3225. Decetia lunuliferata.

Decetia lunuliferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1522, (1862).

Kanara.

3226. Decetia pallida.

Decetia pallida, Moore, Descr. Ind. Lep. Atk., p. 232, pl. 8, fig. 1, (1887).

Calcutta.

3227. Decetia rufifrontata.

Auzea rufifrontata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1487, (1862).
Decetia rufifrontata, Butler, Ill. Typ. Lep. Het. B. M. vi, pl. 113, fig. 10, (1886).

I. M., Sikkim (purchased, also De Niceville).
Collection Swinhoe, Sikkim.

3228. Decetia subobscurata.

Gynopteryx (?) *subobscurata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1495, (1862).

South India.

Genus **Noreia**.

3229. Noreia ajaia.

Timandra ajaia, Walker, Journ. Linn. Soc. Lond. Zool. iii, p. 195, (1859).
Noreia ajaia, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 3, (1887).
Noreia perdensata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1092, (1862).
Decetia posticata, Walker, *loc. cit.* xxxv, p. 1557, (1886).

Collection Swinhoe, North Kanara.
Also recorded from Ceylon, Singapore, Java.

3230. Noreia cervinaria.

Noreia cervinaria, Moore, Descr. Ind. Lep. Atk., p. 233, (1887).

Darjiling.

3231. Noreia flava.

Noreia flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 2, (1887).

Darjiling.

3232. Noreia inamata.

Acidalia inamata, Walker, Cat. Lep. Het. B. M. xxii, p. 755, (1861)
Noreia inamata, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 4, (1887).
Acidalia simpliciaria, Walker, *loc. cit.* xxiii, p. 793, (1861).
Noreiah (?) *luciferata*, Walker, *loc. cit.* xxiv, p. 1093, (1862).

Ceylon.

3233. Noreia sericea.

Noreia sericea, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 225.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 82, pl. 119, fig. 8, (1886).

I. M., Darjiling.
Collection Swinhoe, Darjiling.

Genus **Sarcinodes.**

3234. Sarcinodes ægrota.

Auxima restitutaria, var. *ægrota*, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.
Sarcinodes ægrota, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60, pl. 115, figs. 3 & 4, (1886).

Darjiling.

3235. Sarcinodes æquilinearia.

Mergana æquilinearia, Walker, Cat. Lep. Het. B. M. xxi, p. 292, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
Sarcinodes equilinearia (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60 pl. 115, figs. 5 & 6, (1886).
Auxima trilineata, Walker, *loc. cit.* xxxv, p. 1576, (1866).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet, Sikkim.

3236. Sarcinodes carnearia.

Sarcinodes carnearia, Guén., Phal. i, 188, 291, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 285, (1860).
——————— Rosenstock, Ann. Nat. Hist. (5), xiv, (1884), p. 64.
Mergana bilineata, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Darjiling.

3237. Sarcinodes debitaria.

Auxima debitaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).
Mergana debitaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Sarcinodes debitaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 114, fig. 12, (1886).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.

3238. Sarcinodes lilacina.

Sarcinodes lilacina, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).

Cherrapunji.

3239. Sarcinodes restitutaria.

Auxima restitutaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).
Mergana restitutaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
Sarcinodes restitutaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 115, figs. 1 & 2, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Corotia.**

3240. Corotia cervinaria.

Corotia cervinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 625, pl. 32, fig. 10.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Chilkasa.**

3241. Chilkasa falcata.

Chilkasa falcata, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 853.
Collection Swinhoe, Bombay.

Genus **Auzea.**

3242. Auzea apicata.

Auzea apicata, Moore, Proc. Zool. Soc. Lond., 1867, p. 617.
Bengal.

3243. Auzea reticulata.

Auzea reticulata, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 3, (1887).

Darjiling.

3244. Auzea torridaria.

Auzea torridaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 617.
Bengal.

Genus **Cimicodes.**

3245. Cimicodes castanearia.

Cimicodes castanearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 616, pl. 32, fig. 1.

Collection Swinhoe, Darjiling.

3246. Cimicodes costalis.

Cimicodes costalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3247. CIMICODES CRUENTARIA.

Cimicodes cruentaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3248. CIMICODES FLAVA.

Cimicodes flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 5, (1887).
Cherrapunji.

3249. CIMICODES SANGUIFLUA.

Cimicodes sanguiflua, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 4, (1887).
Cherrapunji.

FAMILY AMPHIDASYDÆ.

Genus **Amphidasys.**

3250. AMPHIDASYS BENGALIARIA.

Amphidasys bengaliaria, Guén., Phal. i, 210, 314, pl. 4, fig. 2, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 308, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
I. M., Shillong, Sylhet, Sikkim (purchased, also Barnes).

3251. AMPHIDASYS CLADONIA.

Amphidasys cladonia, Felder & R. Reise, Novara, pl. 125, fig. 13, ♀, (1874).
Sylhet.

3252. AMPHIDASYS CONTECTARIA.

Amphidasys contectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1529, (1862).
——————— Butler, Ill. Typ. Lep. Het. B. M., p. 60, pl. 115, fig. 7, (1886).
I. M., Shillong, Sikkim (purchased, also Barnes), Sylhet.
Collection Swinhoe, Solun, Darjiling.

3253. AMPHIDASYS REGALIS.

Amphidasys regalis, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).
Darjiling.

Genus **Buzura.**

3254. BUZURA MULTIPUNCTARIA.

Buzura multipunctaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1531, (1862).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

BUZURA MULTIPUNCTARIA—*continued.*

Buzura multipunctaria, Journ. As. Soc. Beng., vol. 53, pt. ii, No.3, (1884), p. 237.

I. M., Cachar (Wood-Mason), Calcutta, Buxar (Moti Ram), Sikkim (purchased, also Barnes), Sibsaghar (Peal).
Collection Swinhoe, Solun, Sylhet.

3255. BUZURA STRIGARIA.

Buzura strigaria, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.
——— Lep. Ceyl. iii, p. 407, pl. 188, figs. 1, 1*a*, *b*, *c*, (1887).

Ceylon.

Genus **Cusiala.**

3256. CUSIALA BOARMIOIDES.

Cusiala boarmioides, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).

Darjiling.

3257. CUSIALA DISTERMINATA.

Boarmia (?) *disterminata*, Walker, Cat. Lep. Het. B. M. xxi, p. 491, ♂, (1860).
Cusiala disterminata, Moore, Lep. Ceyl. iii, p. 408, (1887).

Ceylon.

3258. CUSIALA RAPTARIA.

Boarmia raptaria, Walker, Cat. Lep. Het. B. M. xxi, p. 373, (1860).
Cusiala raptaria, Moore, Lep. Ceyl. iii, p. 408, (1887).

Ceylon.

3259. CUSIALA SUIASASA.

Boarmia suiasasa, Walker, Cat. Lep. Het. B. M. xxi, p. 373, ♂, (1860).
Cusiala suiasasa, Moore, Lep. Ceyl. iii, p. 407, (1887).

Ceylon.

FAMILY BOARMIDÆ.

Genus **Medasina.**

3260. MEDASINA CREATARIA.

Hemerophila creataria, Guén., Phal. i, p. 217, 321, (1857).
——— Walker, Cat. Lep. Het. B. M. xxi, p. 318, (1860).
——— ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling, Sibsaghar.

3261. MEDASINA DISSIMILIS.

Medasina dissimilis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.

3262. MEDASINA FRATERCULA.

Medasina fratercula, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.

3263. MEDASINA INTERRUPTARIA.

Hemerophila interruptaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3264. MEDASINA MAURARIA.

Hemerophila mauraria, Guén., Phal. i, p. 218, 323, (1887).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).
——————— Moore, Zool. Soc. Lond., 1867, p. 625.
——————— Felder & R. Reise, Novara, pl. 126, figs. 18, 18*a*, ♂, 19, 19*a*, ♀, (1874).
Elphos (?) *parisnatei*, Walker, *loc. cit.* xxvi, p. 1545, (1862).
I. M., Sikkim.
Collection Swinhoe, Sylhet.

3265. MEDASINA PERSIMILIS.

Medasina persimilis, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.
Allied to *M. interruptaria*.

3266. MEDASINA SIMILIS.

Medasina similis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.
Allied to *M. interruptaria*.

3267. MEDASINA STRIXARIA.

Hemerophila strixaria, Guén., Phal. i, 217, 312, (1887).
——————— Walker, Cat. Lep. Het. B. M., xxi, p. 318, (1860).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 625.
Medasina strixaria, Moore, Lep. Ceyl. iii, p. 409, pl. 190 f. 1, 1a, ♂ & ♀, (1887).
I. M., Sibsaghar (Peal).
Collection Swinhoe, Sylhet.
Also recorded from Ceylon.

3268. MEDASINA VIRESCENS.

Hemerophila virescens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 62, pl. 116, fig. 1, (1886).
I. M., Sikkim (purchased).

Genus **Menophra.**

3269. MENOPHRA, CANIDORSATA.

Hemerophila canidorsata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1578, (1866).
Menophra canidorsata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 6, (1887).
Collection Swinhoe, Ceylon.

3270. MENOPHRA CONSPICUATA.

Menophra conspicuata, Moore, Descr. Ind. Lep. Atk., p. 237, (1887).
Darjiling.

3271. MENOPHRA DEFICIENS.

Menophra deficiens, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 23, (1887).
Darjiling.

3272. MENOPHRA IMBECILIS.

Menophra imbecilis, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 7, ♀, (1887)
Ceylon.

3273. MENOPHRA PALLIDARIA.

Menophra pallidaria, Moore, Descr. Ind. Lep. Atk., p. 237, (1887).
Darjiling.

3274. MENOPHRA TORRIDARIA.

Menophra torridaria, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 27, (1887).
Darjiling.

3275. MENOPHRA VIALIS.

Menophra (?) *vialis*, Moore, Descr. Ind. Lep. Atk., p. 238, pl. 8, fig. 9, (1857).
Darjiling.

Genus **Hemerophila.**

3276. HEMEROPHILA ATROSTIPATA.

Scotosia atrostipata, Walker, Cat. Lep. Het. B. M., xxv, p. 1354, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Hemerophila atrostipata, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.
I. M., Sikkim.
Collection Swinhoe, Darjiling, Solun.

3277. HEMEROPHILA BASISTRIGARIA.

Hemerophila basistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Collection Swinhoe, Darjiling.

3278. HEMEROPHILA CUPREARIA.

Hemerophila cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3279. HEMEROPHILA HUMERARIA.

Hemerophila humeraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.
Bengal.

3280. HEMEROPHILA JUGORUM.

Hemerophila jugorum, Felder & R. Reise, Novara, pl. 126, fig. 2, ♀, (1874).
Himalayas, Kyelang.

3281. HEMEROPHILA NIGROVITTATA.

Hemerophila nigrovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3282. HEMEROPHILA OBJECTARIA.

Boarmia objectaria, Walker, Cat. Lep. Het. B. M., xxxv, p 1583, (1866).
Hemerophila objectaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
Darjiling.

3283. HEMEROPHILA RETRACTARIA.

Hemerophila retractaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 627, pl. 32, fig. 7.

I. M., Kulu.
Collection Swinhoe, Solun, Kulu.

3284. HEMEROPHILA SUBPLAGIATA.

Hemerophila subplagiata, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).

Himalayas.

Genus **Calicha**.

3285. CALICHA RETRAHENS.

Calicha retrahens, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.

Genus **Xandrames**.

3286. XANDRAMES ALBOFASCIATA.

Xandrames albofasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 635, pl. 32, fig. 5.

Collection Swinhoe, Solun.

3287. Xandrames dholaria.

Xandrames dholaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.
I. M., Sikkim (purchased), Naga Hills.
Collection Swinhoe, Sikkim.

Genus **Pseudocoremia.**

3288. Pseudocoremia albifera.

Pseudocoremia albifera, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).
Darjiling.

3289. Pseudocoremia imbecilis.

Pseudocoremia imbecilis, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).
Darjiling.

3290. Pseudocoremia semialba.

Pseudocoremia semialba, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).
Khasi Hills, Darjiling.

3291. Pseudocoremia variegata.

Pseudocoremia variegata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

Genus **Cleora.**

3292. Cleora albidentata.

Cleora albidentata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Bengal.

3293. Cleora conifera.

Cleora conifera, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3294. Cleora decussata.

Cleora decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628, pl. 33, fig. 4.
Darjiling.

3295. Cleora duplexa.

Cleora duplexa, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3296. Cleora ochrifasciata.

Cleora ochrifasciata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

3297. CLEORA FIMBRIATA.

Cleora fimbriata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
Bengal.

3298. CLEORA IDÆOIDES.

Cleora idæoides, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3299. CLEORA IRRORATA.

Cleora irrorata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

3300. CLEORA MEGASPILARIA.

Cleora megaspilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Collection Swinhoe, Darjiling.

3301. CLEORA PANNOSARIA.

Cleora pannosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Bengal.

3302. CLEORA RUFOMARGINATA.

Cleora rufomarginata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
Bengal.

3303. CLEORA SEMICLARATA.

Selidosema (?) *semiclarata*, Walker, Cat. Lep. Het. B. M., xxiv, p. 1029 (1862).
Cleora semiclarata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Scotosia quadrifera, Walker, *loc. cit.*, xxxv, p. 1687, (1866).
Collection Swinhoe, Solun, Darjiling.

3304. CLEORA VENUSTULARIA.

Cleora venustularia, Walker, Cat. Lep. Het. B. M., xxxv, p. 1579, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
I. M., Sikkim.

Genus **Narapa**.

3305. NARAPA ADAMATA.

Boarmia adamata, Felder & R. Reise, Novara, pl. 126, figs. 5, 5 *a*, ♂, (1874).
Narapa adamata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 8, (1887).
Collection Swinhoe, Ceylon.

3306. NARAPA INDISTINCTA.

Narapa indistincta, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 5, (1887).

Ceylon.

3307. NARAPA SIMILARIS.

Narapa similaris, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 9, (1887).

Ceylon.

3308. NARAPA UMBRATA.

Narapa umbrata, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 10, (1887).

Ceylon.

Genus **Boarmia.**

3309. BOARMIA ADMISSARIA.

Boarmia admissaria, Guén., Phal. i, 239, 357, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxi, p. 369, (1860).

N. India.

3310. BOARMIA ALBIDARIA.

Boarmia albidaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1582, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

I. M., (?) Shillong, Sikkim.
Collection Swinhoe, Darjiling.

3311. BOARMIA BHURMITRA.

Boarmia bhurmitra, Walker, Cat. Lep. Het. B. M., xxi, p. 381, (1860).
——————— Moore, Lep. Ceyl. iii, p. 412, pl. 191, fig. 2, ♀, (1887).
Boarmia susceptaria, Walker, *loc. cit.* xxxv, p. 1584, ♀, (1866)..

Ceylon.

3312. BOARMIA CARINENTA.

Phalæna carinenta, Cram., Pap. Exot. ii, 47, pl. 128, fig. F, (1779).
Phalæna (Geometra) carinenta, Gmel. Ed., Syst. Nat. i, 5, 2454, 634.
Phalæna carinata, Fabr., Sp. Ins. ii, 255, 78, (1781).
——————— Mant. Ins. ii, 198, 118, (1787).
——————— Ent. Syst. iii, pt. 2 169, 146, (1794).
Boarmia carinenta, Walker, Cat. Lep. Het. B. M. xxi, p. 370, (1860).
Dryocætis carinentaria, Hübn., Verz. Schmett., 316, 3046, (1816).
Phalæna carinentaria, Guén., Phal. i, 240, 358, (1857).

Coromandel.

3313. BOARMIA (?) CEYLONARIA.

Boarmia (?) *ceylonaria*, Neitner., Obs. Enemies of Coffee Tree, p. 33, (1861).
——————— Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3314. Boarmia combustaria.

Gnophos combustaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1597, (1866).
Boarmia combustaria, Moore, Proc. Zool. Soc. Lond, 1867, p. 631.

Darjiling.

3315. Boarmia concursaria.

Boarmia concursaria, Walker, Cat. Lep. Het. B. M., xxi, p. 377, (1860).

N. India.

3316. Boarmia contectaria.

Boarmia contectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1537, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Poona.

3317. Boarmia contiguata.

Boarmia contiguata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Sikkim (purchased, also Barnes), Dunsiri.
Collection Swinhoe, Sylhet.
Allied to *B. propulsaria* (Walker) from Borneo.

3318. Boarmia cornaria.

Boarmia cornaria, Guén., Phal. i, 254, 390, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxi, p. 378, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854 and 1886, p. 454.

I. M., Poona, Bombay (Swinhoe).
Collection Swinhoe, Mhow, Karachi, Bhooj, Bombay, Poona.

3319. Boarmia (?) diffluaria.

Boarmia diffluaria, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).
——————— Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3320. Boarmia diffusaria.

Boarmia diffusaria, Walker, Cat. Lep. Het. B. M, xxi, p. 382, (1860).
——————— Moore, Lep. Ceyl. iii, p. 412, pl. 187, fig. 11, ♂, pl. 188, figs. 2, ♀, (1887).

Punjab, Ceylon.

3321. Boarmia (?) exclusaria.

Boarmia (?) *exclusaria*, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).
——————— Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3322. Boarmia ferrolavata.

Boarmia ferrolavata, Walker, Cat. Lep. Het. B. M, xxvi, p. 1536, (1862).
India.

3323. Boarmia gleba.

Boarmia gleba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853. pl. 56, f 3.
Collection Swinhoe, Poona.

3324. Boarmia impletaria.

Boarmia impletaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1536, (1862).
Kanara.

3325. Boarmia infixaria.

Boarmia infixaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Collection Swinhoe, Bombay.
Also recorded from Darjiling.

3326. Boarmia invectaria.

Boarmia invectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 375, (1860).
Punjab.

3327. Boarmia iterata.

Boarmia iterata, Butler, Proc. Zool. Soc. Lond. 1886, p. 389.
I. M., Kulu (Young).
Collection Swinhoe, Thundiani (Punjab).

3328. Boarmia obliterata.

Boarmia obliterata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Bengal.

3329. Boarmia perspicuata.

Boarmia perspicuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Collection Swinhoe, Solun, Darjiling.

3330. Boarmia pleniferata.

Boarmia pleniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1538, (1862).
Bhutan.

3331. Boarmia plumalis.

Boarmia plumalis, Butler, Ann. Nat. Hist. (5,) vi, (1880), p. 126.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 64, pl. 116, fig. 5, (1886).
Darjiling.

3332. BOARMIA PROCESSARIA.

Boarmia processaria, Walker, Cat. Lep. Het. B. M, xxi, p. 372, (1860).
India.

3333. BOARMIA PROMPTARIA.

Boarmia promptaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860).
India.

3334. BOARMIA PROPERATA.

Boarmia properata, Walker, Cat. Lep. Het. B. M., xxi, p. 376, (1860).
N. India.

3335. BOARMIA RECURSARIA.

Boarmia recursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 374, (1860).
Central India.

3336. BOARMIA REPARATA.

Boarmia reparata, Walker, Cat. Lep. Het. B. M., xxi, p. 380, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Sylhet.

3337. BOARMIA SUASARIA.

Boarmia suasaria, Guén., Phal. i, 243, 363, (1857).
———— Walker, Cat. Lep. Het. B. M, xxi, p. 370, (1860).
India.

3338. BOARMIA TRIKOTARIA.

Boarmia trikotaria, Felder & R. Reise, Novara, pl. 126, fig. 10, ♂, (1874).
Himalayas.
Allied to *B. repandaria*, Linn., of Europe.

3339. BOARMIA TRISPINARIA.

Boarmia trispinaria, Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
I. M., Sikkim, Mergui, Kulu (Young).
Collection Swinhoe, India.

3340. BOARMIA VICARIA.

Boarmia vicaria, Walker, Cat. Lep. Het. B. M. xxi, p. 371, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Sylhet.

Genus **Alcis.**

3341. ALCIS SIKKIMA.

Alcis sikkima, Moore, Descr. Ind. Lep. Atk., p. 242, (1887).
Darjiling.

3342. ALCIS VAGANS.

Alcis vagans, Moore, Descr. Ind. Lep. Atk., p. 242, pl. 8, fig. 16, (1887).
Darjiling.

3343. ALCIS VICINA.

Alcis vicina, Moore, Descr. Ind. Lep. Atk., p. 243, (1887).
Darjiling.

Genus **Burichura.**

3344. BURICHURA IMPARATA.

Boarmia imparata, Walker, Cat. Lep. Het. B. M. xxi, p. 372, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Burichura imparata, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Collection Swinhoe, Sikkim.
Also recorded from Nepal.

Genus **Pseudangerona.**

3345. PSEUDANGERONA SEPARATA.

Boarmia separata, Walker, Cat. Lep. Het. B. M. xxi, p. 381, (1860).
Pseudangerona separata, Moore, Lep. Ceyl. iii, p. 414, pl. 202, fig. 8, (1887).
Boarmia retractaria, Walker, *loc. cit.* xxi, p. 386, (1860).
Boarmia intectaria, Walker, *loc. cit.* xxvi, p. 1535, (1862).
India, Ceylon.

Genus **Catoria.**

3346. CATORIA OLIVESCENS.

Catoria olivescens, Moore, Descr. Lep. Col. Atk., p. 244, (1887).
Darjiling.

3347. CATORIA PROCURSARIA.

Boarmia procursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 375, (1860).
Catoria procursaria, Moore, Lep. Ceyl. iii, p. 415, pl. 191, fig. 3, (1887).
India, Ceylon.

3348. CATORIA SUBLAVARIA.

Boarmia sublavaria, Guén, Phal. i, p. 256, 393, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Catoria sublavaria, Moore, Lep. Ceyl. iii, p. 414, pl. 190, figs. 2, 2*a*, (1887).
I. M., Sibsaghar (Peal).
Collection Swinhoe, Sylhet, Ceylon.

Genus **Chogada.**

3349. CHOGADA ALIENARIA.

Boarmia alienaria, Walker, Cat. Lep. Het. B. M., xxi, p. 370, ♂, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Chogada alienaria, Moore, Lep. Ceyl. iii, p. 415, pl. 191, figs. 1, 1*a*, *b*, (1887).
Boarmia gelidaria, Walker, *loc. cit.* xxvi, p. 1537, ♀, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

I. M., Sikkim (purchased), Sibsaghar, Andaman Islands (purchased).
Collection Swinhoe, Bombay, Poona, Khandalla, Sylhet.

3350. CHOGADA FRATERNA.

Chogada fraterna, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Darjiling.

3351. CHOGADA INJECTARIA.

Boarmia injectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 376, ♀, (1860).
Chogada injectaria, Moore, Lep. Ceyl. iii, p 416, (1887).
Boarmia sublectaria, Walker, *loc. cit.* xxvi, p. 1535, ♂, (1862).
Ceylon.

Genus **Amraca.**

3352. AMRACA FORTISSIMA.

Amraca fortissima, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Darjiling.

Genus **Serraca.**

3353. SERRACA TRANSCISSA.

Boarmia transcissa, Walker, Cat. Lep. Het. B. M. xxi, p. 380, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Serraca transcissa, Moore, Lep. Ceyl. iii, p. 416, pl. 190, figs. 3, 3*a*, (1887).

I. M., Sibsaghar (Peal), Sikkim.
Collection Swinhoe, Sibsaghar.

Genus **Astacuda.**

3354. ASTACUDA AMPLA.

Astacuda ampla, Moore, Descr. Ind. Lep. Atk., p. 244, (1887).
Cherrapunji.

3355. ASTACUDA CINERACEA.

Astacuda cineracea, Moore, Descr. Ind. Lep. Atk., p. 244, (1887).
Darjiling.

Genus **Lassaba.**

3356. LASSABA CONTAMINATA.

Lassaba contaminata, Moore, Descr. Ind. Lep. Atk., p. 246, (1887).
Darjiling.

Genus **Darisa.**

3357. DARISA MAXIMA.

Darisa maxima, Moore, Descr. Ind. Lep. Atk., p. 243, (1887).
Darjiling.

3358. DARISA MUCIDARIA.

Boarmia mucidaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1581, (1866).
Tephrosia mucidaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Sikkim.

Genus **Tephrosia.**

3359. TEPHROSIA DENTILINEATA.

Tephrosia dentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Andaman Islands (purchased).
Collection Swinhoe, Solun, Sikkim, Khandalla.

Genus **Hirasa.**

3360. HIRASA CONTUBERNALIS.

Hirasa contubernalis, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).
Khasi Hills.

3361. HIRASA SCRIPTURARIA.

Tephrosia scripturaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1590, (1866).
Tephrosia scriptaria (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
Hirasa scripturaria, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).
I. M., Sikkim, Kulu (Young), N. Khasi Hills, Mergui (Anderson).
Collection Swinhoe, Khasi Hills, Darjiling.

Genus **Bylazora.**

3362. BYLAZORA CEYLONICA.

Bylazora ceylonica, Moore, Lep. Ceyl. iii, p. 417, pl. 193, figs. 4, 4*a*, ♂, ♀, (1887).
Collection Swinhoe, Ceylon.

3363. BYLAZORA LICHENIFERATA.

Bylazora licheniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1550, (1862).
Collection Swinhoe, Nilgiri Hills.

3364. Bylazora pilicostata.

Scotosia pilicostata, Walker, Cat. Lep. Het. B. M. xxv, p. 1355, (1862).

Collection Swinhoe, Nilgiri Hills.

Genus **Ophthalmodes.**

3365. Ophthalmodes (?) caritaria.

Boarmia caritaria, Walker, Cat. Lep. Het. B. M. xxi, p. 489, (1860).
Ophthalmodes (?) *caritaria*, Moore, Lep. Ceyl. iii, p. 418, (1887).

Ceylon.

3366. Ophthalmodes diurnaria.

Ophthalmodes diurnaria, Guén., Phal. i, p. 284, 454, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 447, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
Boarmia pertusaria, Felder & R. Reise, Novara, pl. 125, fig. 17, ♂, (1874).

I. M., Sikkim (purchased, also Barnes), Kulu (Young).
Collection Swinhoe, Solun, Sylhet.

3367. Ophthalmodes herbidaria.

Ophthalmodes herbidaria, Guén., Phal. i, 283, 453, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 446, (1860).
——————— Moore, Lep. Ceyl. iii, p. 417, pl. 191, fig. 4, ♀, (1887).

Sylhet, Ceylon.

3368. Ophthalmodes infusaria.

Ophthalmodes infusaria, Walker, Cat. Lep. Het. B. M. xxi, p. 448, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116, fig. 6, (1886).

Sylhet.

3369. Ophthalmodes mundata.

Ophthalmodes mundata, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 97.

Benares.

Genus **Racotis.**

3370. Racotis boarmiaria.

Hypochroma boarmiaria, Guén., Phal. i, 282, 451, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Racotis boarmiaria, Moore, Lep. Ceyl. iii, p. 418, pl. 192, figs. 3, 3*a*, *b*, (1887).
Boarmia inconclusa, Walker, *loc. cit.* xxi, p. 382, (1860).

I. M., Sikkim (purchased, also Barnes), Shillong.
Collection Swinhoe, Darjiling.

Genus **Dindica.**

3371. DINDICA BASIFLAVATA.

Hypochroma basiflavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Dindica basiflavata, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
I. M., Sikkim (purchased, also Barnes).

3372. DINDICA CROCINA.

Hypochroma crocina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 63, pl. 116, fig. 2, (1886).
I. M., Sikkim (purchased).

3373. DINDICA LEOPARDINATA.

Hypochroma leopardinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.
Dindica leopardinata, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
Bengal.

Genus **Pingasa.**

3374. PINGASA APICALIS.

Pingasa apicalis, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).
Darjiling.

3375. PINGASA COSTISTRIGARIA.

Hypochroma costistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.
Bengal.

3376. PINGASA CRENARIA.

Hypochroma crenaria, Guén., Phal. i, p. 278, 441, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Pingasa crenaria, Moore, Lep. Ceyl. iii, p. 419, pl. 192, figs. 1, 1*a*, *b*, (1887).
Collection Swinhoe, Bombay, Ceylon.

3377. PINGASA IRRORATARIA.

Hypochroma irrorataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
I. M., Sikkim (purchased).

3378. PINGASA LEUCOSTIGMARIA.

Boarmia leucostigmaria, Neitner, Obs. Enemies of Coffee Tree, p. 23,(1861).*
Pingasa leucostigmaria, Moore, Lep. Ceyl. iii, p. 420, (1887).
Ceylon.

3379. PINGASA MINIMARIA.

Hypochroma minimaria, Guén., Phal. i, 279, 443, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 433, (1860).
Pingasa minimaria, Moore, Lep. Ceyl. iii, p. 420, pl. 192, fig. 2, (1887).
Hypochroma parvula, Walker, *loc. cit.* xxi, p. 435, (1860).
Ceylon, India.

3380. PINGASA RUFOFASCIATA.

Pingasa rufofasciata, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).
Collection Swinhoe, Sikkim.

3381. PINGASA RUGINARIA.

Hypochroma ruginaria, Guén., Phal. i, 278, 442. (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).
I. M., Sikkim (purchased, also Barnes), Sibsaghar, Ranchi, (Irvine).
Collection Swinhoe, Sylhet.
Also recorded from Borneo.

3382. PINGASA SIMILIS.

Pingasa similis, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
Collection Swinhoe, Sibsaghar.

3383. PINGASA VIGENS.

Hypochroma vigens. Butler Ann. Nat. Hist. (5) vi, p. 127, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 63, pl. 116, fig. 3, (1886).

Genus **Hypochroma.**

3384. HYPOCHROMA DISPENSATA.

Hypochroma dispensata, Walker, Cat. Lep. Het. B. M. xxi, p. 435, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 416.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, 1885, p. 853, and 1886, p. 454.
Collection Swinhoe, Mhow, Karachi, Bombay, Poona.

3385. HYPOCHROMA DISTENTA.

Hypochroma distenta, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).
Collection Swinhoe, Sylhet.

3386. HYPOCHROMA MUSCICOLORARIA.

Hypochroma muscicoloraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1543, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 64, pl. 116, fig. 4, (1886).
I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.

3387. Hypochroma nyctemerata.

Hypochroma nyctemerata, Walker, Cat. Lep. Het. B. M. xxi, p. 444, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Bengal.
Allied to *H. ruginaria*.

3388. Hypochroma perfectaria.

Hypochroma perfectaria, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Hypochroma nyctemerata, Walker, *loc. cit.* xxvi, p. 1543, ♀, *nec* xxi, p. 444.

Collection Swinhoe, Poona.
Also recorded from Andaman Islands.

3389. Hypochroma polyphænaria.

Hypochroma polyphænaria, Guén., Phal. i, 280, 446, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).

Collection Swinhoe, Sikkim.

3390. Hypochroma pseudoterpnaria.

Hypochroma pseudoterpnaria, Guén., Phal. i, p. 276, 436, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 431, (1860).
——————— Moore, 2nd Yarkand Miss., Calcutta, (1879), p. 14.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

I. M., Yarkand (2nd Yarkand Mission, Stoliczka).
Collection Swinhoe, Solun, Karachi.

3391. Hypochroma sphagnata.

Hypochroma sphagnata, Felder & R. Reise, Novara, pl. 125, fig. 2, ♂, (1874).

Darjiling.
Allied to *H. muscicoloraria*.

3392. Hypochroma tephrosiaria.

Hypochroma tephrosiaria, Guén., Phal. i, 277, 437, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).

India.

3393. Hypochroma varicoloraria.

Hypochroma varicoloraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

Bengal.

3394. Hypochroma viridaria.

Hypochroma viridaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Bengal.

Genus **Pachyodes.**

3395. Pachyodes hæmataria.

Terpna hæmataria, Herr. Sch., Exot. Sch., figs. 205, 206, (1850-69).
Pachyodes hæmataria, Walker, Cat. Lep. Het. B. M. xxi, p. 445, (1860).
Pachyodes almaria, Guén., Phal. i, 282, 452, (1857).

I. M., Sikkim (purchased), Sibsaghar (Peal).
Collection Swinhoe, Assam.

3396. Pachyodes ornataria.

Pachyodes ornataria, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).

Cherrapunji, Darjiling.

3397. Pachyodes pictaria.

Pachyodes pictaria, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).

Darjiling.

Genus **Elphos.**

3398. Elphos hymenaria.

Elphos hymenaria, Guén., Phal. i, p. 285, 456, pl. 16, fig. 4, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 449, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Lep. Ceyl. iii, p. 420, pl. 193, fig. 1, ♂, (1887).

I. M., Sikkim (purchased), Mussourie (Templeton), N. Khasi Hills (A. W. Chennel), Sibsaghar.
Collection Swinhoe, Sikkim, Pegu.

3399. Elphos pardicelata.

Elphos pardicelata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1544, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116, fig. 7, (1886).

Collection Swinhoe, Sikkim.
Allied to *E. hymenaria*.

3400. Elphos scolopaiea.

Phalæna (*Noctua*) *scolopaiea*, Drury, Exot. Ins. ii, pl. 22, fig. 1, App. ii, (1773).
Alcis scolopacea, Westwood, Ed. Drury, ii, 40, pl. 22, fig. 1, (1837).*
——————— Duncan, Nat. Libr. xxxvii, 218, pl. 27, fig. 2.
Bronchelia scolopacea, Walker, Cat. Lep. Het. B. M. xxi, p. 453, (1860).
Elphos scolopaica, Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, p. 237, (1884).

I. M., Sibsaghar, Sylhet, Cachar, Buxar (Moti Ram).
Allied to *E. hymenaria*.

Genus Amblychia.

3401. AMBLYCHIA ANGERONARIA.

Amblychia angeronaria, Guén., Phal. i, 215, 319, pl. 4, fig. 9, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 313, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

I. M., Sikkim (purchased, also Barnes), Sibsaghar (Peal), Buxar, (Moti Ram).
Collection Swinhoe, Sylhet.

3402. AMBLYCHIA TORRIDA.

Amblychia torrida, Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

Andaman Islands.

Genus Gnophos.

3403. GNOPHOS ACCIPITRARIA.

Gnophos accipitraria, Guén., Phal. i, 300, 476, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).

Collection Swinhoe, Solun.

3404. GNOPHOS ÆREUS.

Gnophos æreus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 9, (1886).

Darjiling.
Allied to *G. muscosaria*.

3405. GNOPHOS COMPARATARIA.

Boarmia comparataria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1582, (1866).
Tephrosia comparataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Kulu (Young).
Collection Swinhoe, Darjiling.

3406. GNOPHOS DISPUNCTATA.

Gnophos dispunctata, Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

I. M., Mussourie (Templeton), Kulu (Young), Shillong, Sibsaghar (Peal).
Collection Swinhoe, Solun, Thundiani, Kala Pani (Punjab).

3407. GNOPHOS EOLARIA.

Gnophos eolaria, Guén., Phal. i, 294, 466, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).

N. India.

3408. GNOPHOS GRANITARIA.

Gnophos granitaria, Moore, Descr. Ind. Lep. Atk., p. 246, (1887).

Darjiling.

3409. Gnophos miscellaria.

Gnophos miscellaria, Guén., Phal. i, 297, 470, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).

India, Australia.

3410. Gnophos mucidaria.

Geometra mucidaria, Hübn., Geom., pl. 28, fig. 148, (1805-24).*
Hyposcotis mucidaria, Hübn., Verz Schm., 314, 3034, (1816).
Gnophos mucidaria, Treit, Schm. v, 182, 13.*
——————— Dup., Lep. v, 218, pl. 186, fig. 5.*
——————— Boisd., Ind. 200, 1593.*
——————— Herr. Schoeff., Eur. Schm. iii, 75, 194, pl. 44, figs. 266-68, (1850-69).*
——————— Guén., Phal. i, 297, 472, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 461, (1860).
Gnophos variegata, Dup., Lep., pl. 185, fig. 8, (1830).*
——————— Bruand, Ann. Soc. Ent. Fr. 1843, 249, pl. 10 No. 11.

Collection Swinhoe, Sikkim.
Also recorded from Europe.

3411. Gnophos muscosaria.

Gnophos muscosaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1596, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 10, (1886).

I. M., Sikkim.

3412. Gnophos obtectaria.

Gnophos obtectaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1597, (1866).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 635.
——————— 2nd Yarkand Mission Calc. (1879), p. 14.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 389.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 8, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Cashmir, Thundiani (Punjab), Lahore, Darjiling.

3413. Gnophos pærlita.

Gnophos (?) *pærlita*, Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

Kala Pani (Punjab).

3414. Gnophos paganata.

Scotopteryx paganata, Felder & R. Reise, Novara, pl. 125, fig. 9, ♂, (1874).

India.

3415. Gnophos stoliczkaria.

Gnophos stoliczkaria, Moore, Ann. Nat. Hist. (5), 1, (1878), p. 235.
——————— 2nd Yarkand Mission Calc. (1879), p. 14, pl. 1, fig. 22.

I. M., Yarkand (type, Stoliczka).

3416. Gnophos tenobrosaria.

Hypochroma tenebrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

I. M., Kulu (Young).
Collection Swinhoe, Kasauli.

3417. Gnophos tephrosaria.

Gnophos tephrosaria, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).

Darjiling.

3418. Gnophos usneata.

Scotopteryx (?) *usneata*, Felder & R. Reise, Novara, pl. 125, fig. 12, ♀, (1874).

I. M., Sikkim (purchased).

3419. Gnophos ventraria.

Gnophos ventraria, Guén., Phal. i, 294, 467, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).

Sylhet.

3420. Gnophos vitreata.

Scotosia vitreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Gnophos vitreata, Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Collection Swinhoe, Darjiling.
Also recorded from the Punjab.

Genus Petelia.

3421. Petelia fasciata.

Bargosa fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634, pl. 32, fig. 8.
Petelia fasciata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Bombay, Poona, Khandalla, Calcutta.

3422. Petelia medardaria.

Petelia medardaria, Herr Sch., Exot Schm., pl. 94, fig. 534, (1850-69).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and 1886, p. 454.
Tephrina (?) *medardaria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1659, (1862).
Bargosa chacoraca, Walker, *loc. cit.* xxi, p. 481, (1860).
Bargosa chandubija, Walker, *loc. cit.* xxi, p. 480, (1860).
Bargosa distracta, Walker, *loc. cit.* xxi, p. 481, (1860).
Ephyra (?) *strigulataria*, Walker, *loc. cit.* xxvi, p. 1575, (1862).

I. M., Bombay (Swinhoe).
Collection Swinhoe, Mhow, Bombay, Poona, Belgaum.

Genus **Alana.**

3423. ALANA VEXILLARIA.

Pachydia vexillaria, Guén., Phal. ii, p. 138, 1147, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 1020, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p 854.
Alana vexilliaria, Moore, Lep. Ceyl. iii, p. 397, pl. 193, fig. 3, ♀, (1887).
Pachydia capitata, Walker, *loc. cit.*, xxiii, p. 1019, ♀, (1860).
Alana rubiginata, Walker, *loc. cit.* xxxv, p. 1568, ♀, (1866).
Collection Swinhoe, Bombay, Poona.
Also recorded from Borneo.

Genus **Sabaria.**

3424. SABARIA CONTRACTARIA.

Sabaria contractaria, Walker, Cat. Lep. Het. B. M. xxi, p. 492, (1860).
———— Moore, Lep. Ceyl. iii, p. 397, (1887).
Ceylon.

Genus **Psyra.**

3425. PSYRA ANGULIFERA.

Scotosia angulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1687, (1866).
Psyra angulifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 659.
I. M., India.
Collection Swinhoe, Darjiling.

3426. PSYRA CUNEATA.

Psyra cuneata, Walker, Cat. Lep. Het. B. M. xxi, p. 483, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 659.
Bengal.

3427. PSYRA SIMILARIA.

Psyra similaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33, fig. 1.
I. M., Khasi Hills, Sikkim.
Collection Swinhoe, Darjiling.

FAMILY GEOMETRIDÆ.

Genus **Loxochila.**

3428. LOXOCHILA MUTANS.

Loxochila mutans, Butler, Proc. Zool. Soc. Lond. 1881, p. 615.
Collection Swinhoe, Solun, Nilgiri Hills.

3429. LOXOCHILA SMARAGDUS.

Tanaorhinus smaragdus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128.
Loxochila smaragdus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 5, (1886).
N.-E. Himalayas.

Genus **Geometra**

3430. GEOMETRA ALBOVIRIDIS.

Geometra alboviridis, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34, fig. 3.

N. India.

3431. GEOMETRA APERTA.

Geometra aperta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 7.

Collection Swinhoe, Bombay, Nilgiri Hills.

3432. GEOMETRA AVICULARIA.

Geometra avicularia, Guén., Phal. i, p. 342, 526, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
Geometra pennisignata, Walker, *loc. cit.* xxii, p. 516, (1861).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.

3433. GEOMETRA BISERIATA.

Geometra biseriata, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).

Darjiling.

3434. GEOMETRA CUNEILINEA.

Geometra cuneilinea, Walker, Cat. Lep. Het. B. M. xxvi, p. 1752, (1862).

India.

3435. GEOMETRA DENTISIGNATA.

Geometra dentisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.
Allied to *G. haliaria*.

3436. GEOMETRA DETENTA.

Geometra detenta, Walker, Cat. Lep. Het. B. M. xxii, p. 518, (1861).
Geometra dentata (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Nepal.

3437. GEOMETRA DISCISSA.

Geometra discissa, Walker, Cat. Lep. Het. B. M. xxii, p. 517, (1861).

N. India.

3438. GEOMETRA DISPARTITA.

Geometra dispartita, Walker, Cat. Lep Het. B. M. xxii, p. 520, (1861).
——————— Moore, 2nd Yarkand Mission Calc. (1879), p. 15.

Yarkand, India.

3439. GEOMETRA DISSESSA.

Geometra dissessa, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.
Collection Swinhoe, Poona.

3440. GEOMETRA GONIARIA.

Timandra goniaria, Felder & R. Reise, Novara, pl. 128, fig. 3, ♀, (1874).
Collection Swinhoe, Khandalla, Alibagh.

3441. GEOMETRA GRATA.

Geometra grata, Butler, Ann. Nat. Hist. (5), vi, p. 129, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 6, (1886).
Darjiling.
Allied to *G. dentisignata*.

3442. GEOMETRA HALIARIA.

Geometra haliaria, Walker, Cat. Lep. Het. B. M., xxii, p. 518, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117, fig. 7, (1886).
Geometra decoraria, Walker, *loc. cit.* xxxv, p. 1601, (1866).
I. M., Sikkim (purchased, also Barnes).
Collection Swinhoe, Darjiling.

3443. GEOMETRA LINEATA.

Geometra lineata, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 34, fig. 2.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

3444. GEOMETRA SPECULARIA.

Geometra specularia, Guén., Phal. i, 342, 525, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861), and xxvi, p. 1555, (1862).
——————— Moore, Lep. Ceyl. iii, p. 425, pl. 194, figs. 1, 1*a*, ♀, (1887).
I. M., Wynaad.
Collection Swinhoe, Sylhet, Ceylon.

3445. GEOMETRA TUMIDILINEA.

Geometra tumidilinea, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).
Darjiling.

3446. GEOMETRA VITTATA.

Geometra vittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
——————— Waterhouse, Aid, pl. 151, fig. 5, (1884).*
I. M., Sikkim (purchased).
Collection Swinhoe, Solun, Sikkim, Kulu.

Genus **Tanaorhinus.**

3447. TANAORHINUS DIMISSA.

Geometra dimissa, Walker, Cat. Lep. Het. B. M. xxii, p. 516, (1861).
Tanaorhinus dimissus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 3, (1886).

Collection Swinhoe, Solun.

3448. TANAORHINUS RECIPROCATA.

Geometra reciprocata, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861).
Tanaorhinus reciprocatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 4, (1886).

Himalayas.

3449. TANAORHINUS VIRIDILUTEATA.

Geometra viridiluteata, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861),
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
Tanaorhinus viridiluteatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117, fig. 2, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Maxates.**

3450. MAXATES CŒLATARIA.

Thalassodes cœlataria, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).
——————— Moore, Proc. Zool. Soc. Lond. (1867), p. 637, and 1877, p. 621.
Maxates cœlataria, Moore, Lep. Ceyl. iii, p. 436, pl. 196, figs. 2, 2*a*, (1887).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling, North Kanara.

Genus **Thalassodes.**

3451. THALASSODES BIFASCIATA.

Thalassodes bifasciata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).
Thalera bifasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

3452. THALASSODES (?) CHLOROZONARIA.

Thalassodes chlorozonaria, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).
——————— Moore, Lep. Ceyl. iii, p. 427, (1887).

Ceylon.

3453. THALASSODES DISSEPTA.

Thalassodes dissepta, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861).

India.

3454. Thalassodes dissimulata.

Thalassodes dissimulata, Walker, Cat. Lep. Het. B. M. xxii, p. 551, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

India.

3455. Thalassodes distinctaria.

Thalassodes distinctaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1607, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
——————— Butler, Ill. Typ. Lep. Het. B.M. vi, p. 70, pl. 117, fig. 8, (1886).

Collection Swinhoe, Sikkim.

3456. Thalassodes fimbriaria.

Thalassodes fimbriaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 97.

Benares.

3457. Thalassodes glaucaria.

Thalera glaucaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1613, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Thalassodes glaucaria, Butler, Ann. Nat. Hist. (5) vi, p. 215, (1880).

Collection Swinhoe, Sikkim.
Allied to *T. bifasciata*.

3458. Thalassodes immissaria.

Thalassodes immissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 553, (1861).
——————— Moore, Lep. Ceyl. iii, p. 426, (1887).

Ceylon.

3459. Thalassodes inaptaria.

Thalassodes inaptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1560, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

3460. Thalassodes indeterminata.

Thalassodes indeterminata, Walker, Char. Undescr. Lep. Het. London, p. 98, (1869).

Benares.

3461. Thalassodes leucospilota.

Thalassodes leucospilota, Moore, Lep. Ceyl. iii, p. 427, pl. 194, fig. 4, ♂, (1887).

Ceylon.

3462. Thalassodes lunifera.

Thalassodes lunifera, Moore, Descr. Ind. Lep. Atk., p. 250, (1887).

Cherrapunji.

3463. THALASSODES MACARIATA.

Thalassodes macariata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).
———————, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
Collection Swinhoe, Sylhet.

3464. THALASSODES MACRURARIA.

Thalassodes macruraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1561, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
Collection Swinhoe, Khandalla.

3465. THALASSODES NANDA.

Thalassodes nanda, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).
——————— Moore, Lep. Ceyl. iii, p. 427, (1887).
Ceylon.

3466. THALASSODES OPALINA.

Thalassodes opalina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 214.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117, fig. 9, (1886).
——————— Proc. Zool. Soc. Lond. 1886, p. 390.
Darjiling, Murree.

3467. THALASSODES OPHTHALMICATA.

Thalassodes ophthalmicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
Bengal.

3468. THALASSODES PALLIPLAGIATA.

Thalassodes palliplagiata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1563, (1862).
India.

3469. THALASSODES QUADRARIA.

Thalassodes quadraria, Guén., Phal. i, 360, 564, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 549, (1861).
Geometra dissita, Walker, *loc. cit.* xxii, p. 519, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.
Thalassodes dissita, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
——————— Lep. Ceyl. iii, p. 426, pl. 194, figs. 2, 2*a*, ♀, (1887).
I. M., Kulu (Young).
Collection Swinhoe, Bombay, Poona, Sikkim.

3470. THALASSODES RUBROLIMBRARIA.

Amaurinia rubrolimbraria, Guén., Phal. i, 386, 618, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 603, (1861).
Thalassodes rubrolimbraria, Moore, Lep. Ceyl. iii, p. 427, pl. 195, fig 5, (1887).
Thalassodes diserta, Walker, *loc. cit.* xxii, p. 553, ♀, (1861).
Thalassodes simpliciaria, Walker, *loc. cit.* xxii, p. 553, (1861).
Ceylon.

3471. THALASSODES SINUATA.

Thalassodes sinuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Bengal.

3472. THALASSODES SISUNAGA.

Thalassodes sisunaga, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861).

India.

3473. THALASSODES URAPTERARIA.

Thalassodes urapteraria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1608, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

Genus **Thalera.**

3474. THALERA ALBANNULARIA.

Thalassodes albannularia, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).
Thalera albannularia, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3475. THALERA ACUTISSIMA.

Thalera acutissima, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).
——————— Moore, Lep. Ceyl. iii, p. 428, pl. 196, p. 7, (1887).

Ceylon.

3476. THALERA ARGUTARIA.

Thalera argutaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1614, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Collection Swinhoe, Darjiling.

3477. THALERA COSTIPUNCTATA.

Thalera costipunctata, Moore, Lep. Ceyl. iii, p. 428, pl. 195, fig. 4, (1887).

Ceylon.

3478. THALERA DIATOMATA.

Timandra (?) diatomata, Walker, Cat. Lep. Het. B.M., xxvi, p. 1616, (1862).
Thalera diatomata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.
Timandra diatomaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and 1886, p. 454.

Collection Swinhoe, Nilgiri Hills, Mhow, Karachi, Mirzapore, Poona.

3479. THALERA DIREMPTA.

Thalera dirempta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).

India.

3480. Thalera disjuncta.

Thalera disjuncta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).
———— Moore, Lep. Ceyl. iii, p. 429, pl. 196, fig. 5, (1887).

Collection Swinhoe, North Kanara.
Also recorded from Ceylon.

3481. Thalera flavifusata.

Thalera flavifusata, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).
———— Moore, Lep. Ceyl. iii, p. 428, pl. 191, figs. 3, 3*a*, ♂. (1887).

Ceylon.

3482. Thalera læsaria.

Iodis læsaria, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861).
Thalera læsaria, Moore, Lep. Ceyl. iii., p. 429, (1887).

Ceylon.

3483. Thalera meritaria.

Geometra meritaria, Walker, Cat. Lep. Het. B. M. xxii, p. 522, (1861).
Thalera meritaria, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3484. Thalera obnupta.

Thalera obnupta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 9.

Collection Swinhoe, Bombay, Alibagh.

3485. Thalera robustaria.

Hemithea robustaria, Guén., Phal. i, 383, 613, (1857).
Thalera robustaria, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).

India.

3486. Thalera (?) subtractata.

Thalera (?) subtractata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1753, (1862).

India.

Genus **Nemoria**.

3487. Nemoria carnifrons.

Nemoria carnifrons, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 454.

Collection Swinhoe, Mhow.

3488. Nemoria caudularia.

Nemoria caudularia, Guén., Phal. i, 349, 541, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 534, (1861).

N. India.

3489. NEMORIA (?) DIRECTA.

Nemoria (?) directa, Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).
India.

3490. NEMORIA FLAVIFRONTARIA.

Nemoria flavifrontaria, Guén., Phal. i, 346, 533, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 634, (1861).
India.

3491. NEMORIA FREQUENS.

Nemoria frequens, Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885, p. 854; and 1886, p. 454.
I. M., Andaman Islands (purchased), Karachi (Karachi Museum).
Collection Swinhoe, Mhow, Karachi, Poona.

3492. NEMORIA PARVULATA.

Nemoria parvulata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1559, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.
Collection Swinhoe, Kutch, Karachi, Poona.

3493. NEMORIA PRUINOSA.

Nemoria pruinosa, Butler, Ann. Nat. Hist. (1880), (5) v, p. 224.
——————— Proc. Zool. Soc. Lond. 1881, p. 616; and 1883, p. 169.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.
I. M., Karachi.
Collection Swinhoe, Karachi.

3494. NEMORIA SOLIDARIA.

Nemoria solidaria, Guén., Phal. i, 348, 538, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).
——————— Moore, Lep. Ceyl. iii, p. 431, (1887).
Iodis discessa, Walker, *loc. cit.* xxii, p. 544, ♀, (1861).
Nemoria lataria, Walker, *loc. cit.* xxvi, p. 1558, (1862).
Ceylon.

3495. NEMORIA VIATA.

Nemoria viata, Moore, Lep. Ceyl. iii, p. 431, pl. 195, fig. 6, ♀, (1887).
Ceylon.

Genus **Berta.**

3496. BERTA CHRYSOLINEATA.

Berta chrysolineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1621, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
——————— Lep. Ceyl. iii, p. 435, pl. 196, fig. 4, (1887).
Kanara, Ceylon, Bengal.

3497. Berta gavissima.

Comibæna gavissima, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).
Berta gavissima, Moore, Lep. Ceyl. iii, p. 435, pl. 196, fig. 6, ♂, (1887).

Collection Swinhoe, Solun.
Also recorded from Ceylon.

Genus **Comibæna.**

3498. Comibæna biplagiata.

Comibæna biplagiata, Moore, Lep. Ceyl. iii, p. 435, (1887).

Ceylon.

3499. Comibæna cassidaria.

Phorodesma cassidaria, Guén., Phal. i, 370, 589, (1857).
Comibæna cassidaria, Walker, Cat. Lep. Het. B. M. xxii, p. 572, (1861).

India.

3500. Comibæna chalybeata.

Comibæna chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Darjiling.

3501. Comibæna devexata.

Comibæna devexata, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).
——————— Moore, Lep. Ceyl. iii, p. 433 (note), pl. 197, fig. 5, (1887).

India.

3502. Comibæna dispansa.

Comibæna dispansa, Walker, Cat. Lep. Het. B. M. xxii, p. 574, (1861).
——————— Moore, Lep. Ceyl. iii, p. 433, (1887).

Ceylon.

3503. Comibæna divapala.

Comibæna divapala, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
——————— Lep. Ceyl. iii, p. 434, pl. 195, figs. 2, 2*a*, (1887).

Ceylon.

3504. Comibæna fenestraria.

Comibæna fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Bengal.

3505. Comibæna glareosa.

Comibæna glareosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 8.

Collection Swinhoe, Bombay.

3506. COMIBÆNA HYALINATA.

Comibæna hyalinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Bengal.

3507. COMIBÆNA MACULATA.

Comibæna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Bengal.

3508. COMIBÆNA PANNOSA.

Comibæna pannosa, Moore, Lep. Ceyl. iii. p. 433, pl. 195, figs. 1, 1*a*, *b*, ♂, ♀, (1887).
Comibæna devexata, (*var.*) Walker, Cat. Lep. Het. B. M. xxii, p. 574, (1861).

Ceylon.

3509. COMIBÆNA PARTITA.

Comibæna partita, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).
——————— Butler, Ill. Typ. Lep. Het. B. M., p. 71, pl. 117, fig. 11, (1886).
Comibæna felicitata, Walker, *loc. cit.* xxii, p. 579, (1861).

India, Australia.

3510. COMIBÆNA PICTIPENNIS.

Comibæna pictipennis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 215.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 72, pl. 117, fig. 12, (1886).

Darjiling.

3511. COMIBÆNA SANGUILINEATA.

Comibæna sanguilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Collection Swinhoe, Sikkim.

3512. COMIBÆNA SCUTULIGERA.

Agathia scutuligera, Butler, Ann. Nat. Hist, (5) vi, (1880), p. 216.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 118, fig. 1, (1886).

Darjiling.
Allied to *C. devexata*.

3513. COMIBÆNA SEMIALBA.

Thalera semialba, Walker, Cat. Lep. Het. B. M. xxii, p. 601, (1861).
Comibæna semialba, Moore, Lep. Ceyl. iii, p. 434, pl. 196, figs. 1, 1*a*, (1887).

Ceylon, Borneo.

3514. Comibæna textilis.

Thalera textilis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 219.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 71, pl. 117, fig. 10, (1886).

Darjiling.
Allied to *C. divapala*.

Genus **Zamarada**.

3515. Zamarada translucida.

Zamarada translucida, Moore, Lep. Ceyl. iii, p. 432, pl. 197, fig. 2, ♀, (1887).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Agathia**.

3516. Agathia arcuata.

Agathia arcuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

Bengal.

3517. Agathia beata.

Agathia beata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.
——————— Ill. Typ. Lep. Het. B. M., p. 74, pl. 118, fig. 2, (1886).

Darjiling.
Allied to *A. hemithearia*.

3518. Agathia divaricata.

Agathia (?) *divaricata*, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 15, (1887).

Cherrapunji.

3519. Agathia hemithearia.

Agathia hemithearia, Guén., Phal. i, 381, 611, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
——————— Lep. Ceyl. iii, p. 438, pl. 197, fig. 3, ♀, (1887).

Sylhet, Ceylon.

3520. Agathia hilarata.

Agathia hilarata, Guén., Phal. i, 381, 612, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Solun, Poona, Bombay, Purundhur.

3521. Agathia intercissa.

Agathia intercissa, Walker, Cat. Lep. Het. B. M. xxii, p. 592, (1861).
——————— Moore, Lep. Ceyl. iii, p. 437, (1887).

Ceylon.

3522. Agathia lætata.

Phalæna lætata, Fabr., Ent. Syst. iii, 2, 164, (1793).
Agathia lætata, Moore, Lep. Ceyl. iii, p. 437, pl. 197, figs. 1, 1*a*, *b*, ♂, ♀, (1887).
Agathia catenaria, Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Collection Swinhoe, India.
Also recorded from Ceylon and Kanara.

3523. Agathia lycænaria.

Geometra lycænaria, Kol., Von Hüg. Kasch. iv, 486, (1848).
Agathia lycænaria, Guén., Phal. i, 380, 610, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861); and xxvi, p. 1567, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
Geometra albiangularia, Herr. Sch., Exot. Schm., pl. 61, fig. 339, (1850-69).
Agathia discriminata, Walker *loc. cit.* xxii, p. 591, (1861), ♀.

I. M., Sikkim, Kulu (Young).
Collection Swinhoe, Solun, Khandalla.
Also recorded from China.

3524. Agathia magnifica.

Agathia magnifica, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.
——————— Lep. Ceyl. iii, p. 438, pl. 197, fig. 4, ♀, (1887).

Ceylon.

3525. Agathia quinaria.

Agathia quinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Bengal.

3526. Agathia visenda.

Agathia visenda, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 74, pl. 118, fig. 3, (1886).

Darjiling.

Genus **Iodis.**

3527. Iodis detracta.

Geometra detracta, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861).
Iodis detracta, Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Campbellpur (Punjab).

3528. Iodis (?) immacularia.

Phalæna immacularia, Fabr., Ent. Syst. iii, 2, 131, 7, (1793).
Iodis (?) immacularia, Walker, Cat. Lep. Het. B. M. xxii, p. 604, (1861).
Tranquebar.

3529. Iodis indecretata.

Geometra (?) indecretata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1555, (1862).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.
Iodis indecretata, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 5, (1887).
Collection Swinhoe, Poona, Alibagh.

3530. Iodis opalaria.

Iodis opalaria, Guén., Phal i, 357, 558, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).
India.

3531. Iodis quantula.

Iodes quantula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 6.
Collection Swinhoe, Bombay.

3532. Iodis thalassica.

Iodis thalassica, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 6, (1887).
Ceylon.

3533. Iodis thetydaria.

Iodis thetydaria, Guén., Phal. i, 358, 559, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).
India.

3534. Iodis vivilaca.

Iodis vivilaca, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.
———— Moore, Lep. Ceyl. iii, p. 430, pl. 195, fig. 3, ♀, (1887).
I. M., Khandalla (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

Genus **Chlorodes.**

3535. Chlorodes pastor.

Chlorodes pastor, Butler, Ann. Nat. Hist. (5) vi, p. 216, (1880).
———— Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 117, fig. 13, (1886).
Darjiling.

Genus **Thetidea.**

3536. Thetidea (?) radiata.

Thetidea (?) radiata, Walker, Cat. Lep. Het. xxvi, p. 1567, (1862).
N. India.

Genus **Eucrostis.**

3537. EUCROSTIS DISPARATA.

Eucrostis disparata, Walker, Cat. Lep. Het. B. M. xxii, p. 567, (1861).
——————— Moore, Lep. Ceyl. iii, p. 432, pl. 196, fig. 3, (1887).
Geometra parvulata, Walker, *loc. cit.* xxvi, p. 1555, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Collection Swinhoe, Bombay, Poona.
Also recorded from Ceylon.

3538. EUCROSTIS PYRRHOGONA.

Eucrostis pyrrhogona, Walker, Cat. Lep. Het. B. M. xxxv, p. 1610, (1866).

S. India.

FAMILY PALYADÆ.

Genus **Eumelia.**

3539. EUMELIA AURELIATA.

Eumelia aureliata, Guén., Phal. i, 394, 631, pl. 22, fig. 6, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
——————— ——————— Lep. Ceyl. iii, p. 440, pl. 198, figs. 4, 4*a*, ♂, ♀, (1887).

Collection Swinhoe, Assam.
Also recorded from Ceylon.

3540. EUMELIA FELICIATA.

Eumelia feliciata, Guén., Phal. i, 393, 628, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

Sylhet, Manilla.

3541. EUMELIA FIMBRIATA.

Phalæna (*Geometra*) *fimbriata*, Cram., Pap. Exot. iv, 236, pl. 398, fig. N, (1782).
Eumelia fimbriata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861).
Eumelia eugeniata, Guén., Phal. i, 394, 633, (1857).

India, Borneo.

3542. EUMELIA FLAGRATA.

Eumelia flagrata, Felder & R. Reise, Novara, pl. 127, fig. 39, ♀, (1874).

Singapore.

3543. EUMELIA FLAVATA.

Eumelia flavata, Moore, Lep. Ceyl. iii, p. 440, pl. 198, fig. 3, ♀, (1887).

Ceylon.

3544. Eumelia ludovicata.

Eumelia ludovicata, Guén., Phal. i, 393, 629, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621.
——————— Lep. Ceyl. iii, p. 439, pl. 198, figs. 1, 1*a*, ♂, ♀, (1887).
Eumelia rosalia, Westw. (*nec* Cram.), Duncan's Nat. Hist. Ex. Moths, p. 215, pl. 29, fig. 4, (1841).

I. M., Andaman Islands (De Roepstorff).
Collection Swinhoe, Andaman Islands, Ceylon, Nilgiri Hills.

3545. Eumelia rosalia.

Phalæna (*Geometra*) *rosalia*, Cram., Pap. Exot. iv, 152, pl. 368, fig. F, (1782).
Phalæna rosata, Fabr., Ent. Syst. iii, 2, 175, 164, (1793).
Eumelia rosalia, Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640; and 1878, p. 851.
Eumelia rosaliata, Duncan, Nat. Hist. Exot. Moths, 215, pl. 29, fig. 4, (1841).
——————— Guén., Phal. i, 392, 626, (1857).
Ametris punicearia, Hübn., Verz. Sch. 303, 2924, (1816).

I. M., Sikkim, Sibsaghar, (Peal), Buxar (Moti Ram), Sylhet, Great Nicobar, Andaman Islands (purchased), Tavoy (Moti Ram), Nicobar Islands (purchased).
Collection Swinhoe, Sylhet, Ceylon.
Also recorded from Java and China.

3546. Eumelia vulperaria.

Phalæna (*Geometra*) *vulperaria*, Cram., Pap. Exot. iv, 245, pl. 400, figs. O, P., (1782).
Ametris vulpenaria, Hübn., Verz. Sch. 303, 2923, (1816).
Eumelia vulpenaria, Guén., Phal. i, 393, 630, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).
——————— Moore, Lep. Ceyl. iii, p. 439, pl. 198, fig. 2, ♂, (1887).
Phalæna gravidata, Fabr., Ent. Syst. iii, 2, 175, 163, (1793).

Coromandel, Ceylon.

Genus **Cacyparis.**

3547. Cacyparis insolitata.

Cacyparis insolitata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1572, (1862).
——————— Moore, Lep. Ceyl. iii, p. 441, pl. 198, figs. 5, 5*a*, ♂, ♀, (1887).
Ballatha atrotumens, Walker, *loc. cit.* xxxiv, p. 1215, (1865).

Collection Swinhoe, Ceylon.
Also recorded from India.

3548. Cacyparis læta.

Ballatha læta, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1215, (1865).

N. India.

Genus **Almodes.**

3549. ALMODES REPLETA.

Almodes repleta, Walker, Char. Undescr. Lep. Het. Lond., p. 111, (1869).
Sylhet.

FAMILY EPHYRIDÆ.

Genus **Ephyra.**

3550. EPHYRA ABHADRACA.

Ephyra abhadraca, Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861).
Cyclophora abhadraca, Moore, Lep. Ceyl. iii, p. 442, pl. 199, figs. 3, 3*a*, (1887).

Ceylon.

3551. EPHYRA DHARMSALÆ.

Ephyra dharmsalæ, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
Collection Swinhoe, Dharmsala.

3552. EPHYRA FLUIDARIA.

Ephyra fluidaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, fig. 10.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Poona.

3553. EPHYRA INVEXATA.

Epione (?) *invexata*, Walker, Cat. Lep. Het B. M., xxvi, p. 1497, (1862).
Ephyra invexata, Swinhoe, Proc. Zool. Soc. Lond. 1885; p. 856, and 1886, p. 455.
Cyclophora invexata, Moore, Lep. Ceyl. iii, p. 442, pl. 199, fig. 2, ♂, (1887).
Ephyra monochromata, Walker, *loc. cit.* xxvi, p. 1754, (1861).
Collection Swinhoe, Mhow, Belgaum, Poona.

3554. EPHYRA PENDULARIA.

Phalæna (*Geometra*) *pendularia*, Linn., Faun. Suec. 1244, (1761).
———— Clerck, Icon., pl. 7, fig. 5.
Phalæna pandularia, Fabr., Suppl. 451, 63, 64, (1798).
———— Schr., Faun. Boic. ii, 25, 1644.*
Geometra pendularia, Bork., Eur. Schm. v, 255, 111.*
———— Esp., Schm. v, 152, pl. 26, figs. 3 to 5.*
———— Ill, N. Ausg. Dess. i, 424, 1.*
———— Rossi, Faun. Etrusc, ii, 192, 1160.*
———— Hübn., Geom., pl. 13, fig. 66.*
———— Haw., Lep. 311.*
———— Frey, Beitr., pl. 54, fig. 2.*
Codonia pendularia, Hübn., Verz. Schm. 303, 2915, (1816).
Cabera pendularia, Treit., Schm. iii, 1, 361, 9.*
Ephyra pendularia, Dup., Lep. v. 35, pl. 172, fig. 5.*
———— Steph., Ill. Brit. Haust. iii, 199.*
———— Eversm., Faun. Volg. Ural, 396.*

3554. EPHYRA PENDULARIA—*continued.*

Ephyra pendularia, Boisd., Ind., 220, 1829.*
——————— Sepp., Schm. vi, pl. 26, figs. 1 to 8.*
——————— Herr Schoeff., Eur. Schm. iii, 31, 86, pl. 58, fig. 357.*
——————— DeLah., Schm. 55.*
——————— Guén., Phal. i, 413, 673, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxii, p. 630, (1861).
Cyclophora pendularia, Moore, Lep. Ceyl. iii, p. 442, (1887).
Phalæna circularia, Fabr., Sup. 451 64, 65.
Geometra pupillaria, Brahm., Ins. Kal., ii, 385, 262.*
Ephyra vusarmana, Walker, *loc. cit.* xxii, p. 637, (1861).

Ceylon, Europe.

3555. EPHYRA QUIETA.

Ephyra quieta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, pl. 56, fig. 1.
Cyclophora quieta, Moore, Lep. Ceyl. iii, p. 443, pl. 199, figs. 1, 1*a*, (1887).

I. M., Nilgiri Hills.
Collection Swinhoe, Bombay, Poona, Nilgiri Hills.

3556. EPHYRA (?) STRIGULATARIA.

Ephyra (?) strigulataria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1575, (1861).

I. M., Sikkim (purchased, also Barnes), Andaman Islands.

3557. EPHYRA SUBDOLARIA.

Ephyra subdolaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.

Collection Swinhoe, Bombay.

Genus **Anisodes.**

3558. ANISODES ABSCONDITARIA.

Anisodes absconditaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1580, (1862).

South India.

3559. ANISODES ACUTA.

Anisodes acuta, Moore, Lep. Ceyl. iii, p. 445, pl. 215, fig. 9, (1887).

Ceylon.

3560. ANISODES ARENOSARIA.

Anisodes arenosaria, Moore, Lep. Ceyl. iii, p. 445, pl. 202, fig. 1, ♀, (1887).

Ceylon.

3561. ANISODES CALIGATA.

Anisodes caligata, Walker, Cat. Lep. Het. B. M. xxvi. p. 1584, (1862).
——————— Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 4, ♂, (1887).

Ceylon.

3562. ANISODES CARNEARIA.

Anisodes carnearia, Walker, Cat. Lep. Het. B. M. xxii, p. 644, (1861).
———— Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 6, ♀, (1887).

Ceylon.

3563. ANISODES CONGRUARIA.

Anisodes congruaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.

I. M., Buxar (Moti Ram).
Also recorded from Benares.

3564. ANISODES DIFFUSARIA.

Anisodes diffusaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.
Allied to *A. pluristriaria*.

3565. ANISODES HYRIARIA.

Anisodes hyriaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1617, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 641.
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118, fig. 5, (1886).

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3566. ANISODES IGNORATA.

Anisodes ignorata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1584, (1862).
———— Moore, Lep. Ceyl. iii, p. 445, (1887).

Ceylon.

3567. ANISODES INAPERTARIA.

Anisodes inapertaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).

South India.

3568. ANISODES INTERPULSATA.

Anisodes interpulsata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861).

India.

3569. ANISODES LIDDERDALII.

Anisodes lidderdalii, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 220.
———— Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 6, (1886).

Collection Swinhoe, Sikkim.

3570. ANISODES LUNULOSA.

Anisodes lunulosa, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 8. (1887).

India.

3571. Anisodes moorei.

Anisodes similaria, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.

3572. Anisodes nebulosata.

Anisodes nebulosata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).
———— Moore, Lep. Ceyl. iii, p. 455, pl. 199, fig. 5, ♀, (1887).

Ceylon.

3573. Anisodes obrinaria.

Ephyra obrinaria, Guén., Phal. i, 414, 675, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861).
Anisodes obrinaria, Moore, Lep. Ceyl. iii, p. 443, pl. 199, fig. 4 *a*, ♀, (1887).
Anisodes obliviaria, Walker, *loc. cit.* xxii, p. 643, ♀, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.

I. M., Andaman Islands.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3574. Anisodes ovisignata.

Anisodes ovisignata, Moore, Lep. Ceyl. iii, p. 444, (1887).
Anisodes responsaria (var.), Walker, Cat. Lep. Het. B. M. xxii, p. 648, (1861).

Ceylon.

3575. Anisodes pallida.

Anisodes pallida, Moore, Lep. Ceyl. iii, p. 445, pl. 201, fig. 11, (1887).

Ceylon.

3576. Anisodes pallivittata.

Anisodes pallivittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.

3577. Anisodes patruelis.

Anisodes patruelis, Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 10, ♀, (1887).

Ceylon.

3578. Anisodes pluristriaria.

Anisodes pluristriaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 8, (1886).

I. M., Sikkim (Barnes), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.

3579. ANISODES PUNCTIFERA.

Anisodes punctifera, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 220.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 7, (1886).

Collection Swinhoe, Sikkim.

3580. ANISODES (?) PYRINIATA.

Anisodes (?) *pyriniata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861).

Kanara.

3581. ANISODES SANGUINARIA.

Anisodes sanguinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Collection Swinhoe, Darjiling.

3582. ANISODES SIMILARIA.

Anisodes similaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861).

India.

3583. ANISODES SUBROSEATA.

Anisodes subroseata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).
——————— Moore, Lep. Ceyl. iii, p. 445, (1887).

Ceylon.

3584. ANISODES (?) VINACEARIA.

Anisodes (?) *vinacearia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Bengal.

Genus **Borbacha.**

3585. BORBACHA PARDARIA.

Anisodes pardaria, Guén., Phal. i, 420, 689, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 646, (1861).
Borbacha pardaria, Moore, Lep. Ceyl. iii, p. 447, pl. 199, fig. 9, ♂, (1887).

Ceylon, Borneo.

Genus **Synegia.**

3586. SYNEGIA IMITARIA.

Anisodes imitaria, Walker, Cat. Lep. Het. B. M. xxii, p. 643, (1861).
Synegia imitaria, Moore, Lep. Ceyl. iii, p. 446, (1887).
Anisodes (?) *obrimaria*, Walker, *loc. cit.* xxii, p. 644, (1861).

Ceylon.

3587. SYNEGIA INFIXARIA.

Caberodes infixaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1513, (1862).
Synegia infixaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118, fig. 4, (1886).

Collection Swinhoe, Darjiling.

Genus **Drapetodes.**

3588. DRAPETODES BILINEATA.

Drapetodes bilineata, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.

Benares.

3589. DRAPETODES FRATERCULA.

Drapetodes fratercula, Moore, Lep. Ceyl. iii, p. 541, pl. 200, figs. 1, 1*a*, ♂, (1887).

Ceylon.

3590. DRAPETODES MITARIA.

Drapetodes mitaria, Guén., Phal. i, p. 424, 695, pl. 18, fig. 6, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 654. (1861).
——————— Moore, Proc. Zool Soc. Lond. 1867, p. 642.
Anisodes (?) *platycerata*, Walker, *loc. cit.* xxvi, p. 1586, (1862).

Ceylon, Sylhet, Singapore.

Genus **Argidava.**

3591. ARGIDAVA IRRORATA.

Argidava irrorata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).

Darjiling.

3592. ARGIDAVA PUNCTATA.

Argidava punctata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 128.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117, fig. 1, (1886).

Collection Swinhoe, Darjiling.

FAMILY CABERIDÆ.

Genus **Cabera.**

3593. CABERA MARGARITA.

Cabera margarita, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Collection Swinhoe, Solun, Sikkim.

3594. CABERA PLATYLEUCATA.

Acidalia platyleucata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866).
Cabera platyleucata, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Terpnomicta.**

3595. TERPNOMICTA NIGRARENARIA.

Stegania (?) nigrarenaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 864, (1861).
Terpnomicta nigrarenaria, Moore, Lep. Ceyl. iii, p. 463, (1887).
Ceylon.

Genus **Stegania.**

3596. STEGANIA LATIFASCIATA.

Stegania latifasciata, Moore, Descr. Ind. Lep. Atk., p. 260, (1887).
Darjiling.

3597. STEGANIA PURPURASCENS.

Stegania purpurascens, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 19, (1887).
Darjiling.

3598. STEGANIA UVIDULA.

Stegania uvidula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860 ; and 1886, p. 455.
Collection Swinhoe, Mhow, Poona.

Genus **Deilinia.**

3599. DEILINIA COSTATA.

Deilinia costata, Moore, Lep. Ceyl. iii, p. 463, pl. 204, fig. 3, (1887).
Ceylon.

Genus **Teldenia.**

3600. TELDENIA ALBA.

Teldenia alba, Moore, Lep. Ceyl. ii, p. 120, pl. 124, figs. 1, 1*a*, ♂, ♀, 1*b*, larva, (1882).
Ceylon.

3601. TELDENIA VESTIGIATA.

Corycia vestigiata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.
Teldenia vestigiata, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 10, (1886).
Darjiling.

Genus **Corycia.**

3602. CORYCIA ALBA.

Corycia alba, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Darjiling.

3603. Corycia cinerascens.

Corycia cinerascens, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).

Darjiling.

3604. Corycia mytylata.

Corycia mytylata, Guén., Phal. ii, 58, 991, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 873, (1861).

N. India.

Family MACARIDÆ.

Genus Macaria.

3605. Macaria acutaria.

Macaria acutaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.

Benares.

3606. Macaria boaria.

Macaria boaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861, pl. 56, fig. 12, ♂.

Collection Swinhoe, Poona.
Allied to *M. indotata*.

3607. Macaria (?) cessaria.

Macaria (?) *cessaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).
———— Moore, Lep. Ceyl. iii, p. 466, (1887).

Ceylon.

3608. Macaria deletaria.

Macaria deletaria, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 14, (1887).

Darjiling.

3609. Macaria emersaria.

Macaria emersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 925, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
———— Lep. Ceyl. iii, p. 466, (1887).

I. M., Ranchi (Irvine), Sibsaghar.
Collection Swinhoe, Sikkim, Nilgiri Hills.
Also recorded from Ceylon.

3610. Macaria frugaliata.

Macaria frugaliata, Guén., Phal. ii, 78, 1031, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

India.

3611. MACARIA INDISTINCTA.

Macaria indistincta, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Khasi Hills.

3612. MACARIA INTEGRATA.

Macaria integrata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862).
S. India.

3613. MACARIA POSTICARIA.

Macaria posticaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99,(1869).
Benares.

3614. MACARIA SOLITARIA.

Macaria solitaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99, (1869).
Benares.

3615. MACARIA (?) SUBCAUDARIA.

Macaria (?) *subcaudaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).
———————————Moore, Lep. Ceyl. iii, p. 467, (1887).
Ceylon.

3616. MACARIA SUBTESSELLATA.

Macaria subtessellata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862).
Kanara.

Genus **Tephrina.**

3617. TEPHRINA ARENARIA.

Tephrina arenaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48, fig. 13.
Macaria arenaria, Swinhoe, *loc. cit.*, 1886, p. 456.
Collection Swinhoe, Mhow, Karachi.
Allied to *M. arenacearia*, Hübn., of Europe.

3618. TEPHRINA BOLINA.

Macaria bolina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.
Collection Swinhoe, Poona, Bombay, Alibagh, Purundhur.
Allied to *T. falsaria*.

3619. TEPHRINA CACAVENA.

Macaria cacavena, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).
Tephrina cacavena, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 11, 12, ♂, ♀, (1887).
Collection Swinhoe, Ceylon.

3620. Tephrina falsaria.

Macaria (?) *falsaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, ♂, (1862).
Tephrina falsaria, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 1, 2, ♂, ♀, (1887),
Aspilates parallelaria, Walker, *loc. cit.* xxvi, p. 1680, ♀, (1862).
Ceylon.

3621. Tephrina indotata.

Aspilates indotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862).
N. India.

3622. Tephrina infirmata.

Macaria infirmata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1657, (1866).
Ceylon.

3623. Tephrina infrictaria.

Macaria infrictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.
Collection Swinhoe, Poona.
Allied to *T. falsaria*.

3624. Tephrina modesta.

Tephrina modesta, Moore, Lep. Ceyl. iii, p. 471, pl. 204, fig. 6, ♂, (1887).
Ceylon.

3625. Tephrina ossea.

Tephrina ossea, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353, pl. 9, fig. 9.
Collection Swinhoe, Quetta.
Allied to *T. falsaria*.

3626. Tephrina peremptaria.

Macaria peremptaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 929, (1861).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
Tephrina peremptaria, Swinhoe, Proc. Zool. Soc. London, 1884, p. 527.
Macaria peremptaria, Swinhoe, Proc. Zool. Soc. London, 1886, p. 456.
Collection Swinhoe, Mhow, Karachi, Poona.

3627. Tephrina pulinda.

Cleora (?) *pulinda*, Walker, Cat. Lep. Het. B. M. xxi, p. 333, (1860).
Tephrina pulinda, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 7, 8, ♂, ♀, 1887.
Macaria strenuataria, Walker, *loc. cit.* xxvi, p. 1647, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.
Tephrina granitalis, Butler, Proc. Zool. Soc. Lond. 1883, p. 171, ♀, *occasional var.*
Macaria granitalis, Swinhoe, *loc. cit.* 1885, p. 861.
Collection Swinhoe, Mhow, Poona.
Also recorded from Ceylon.

3628. TEPHRINA SCOTOSIARIA.

Tephrina scotosiaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.

Benares.

3629. TEPHRINA STRENUATA.

Macaria strenuata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1647, ♂, (1862).
Tephrina lithina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171, ♀.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.
Macaria lithina, Swinhoe, *loc. cit.* 1885, p. 861 ; and 1886, p. 456.
Tephrina strenuataria, Butler (*nec* Walker), Ann. Nat. Hist., (5) v, (1880), p. 224.
——————— Swinhoe, *loc. cit.*, 1884, p. 527.

I. M., Karachi.
Collection Swinhoe, Karachi, Hydrabad (Sind).

3630. TEPHRINA ZEBRINA.

Tephrina zebrina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
Macaria zebrina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861 ; and 1886, p. 456.

I. M., Poona, Collection Swinhoe, Mhow, Poona, Bombay, Calcutta.
Allied to *T. strenuata*.

Genus **Gubaria.**

3631. GUBARIA ELVIRATA.

Macaria elvirata, Guén., Phal. ii, 90, 1064, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).

N. India.

3632. GUBARIA FASCIATA.

Phalæna fasciata, Fabr., Syst. Ent. 629, (1775) ; Ent. Syst. iii, 2 164, (1793).
Gubaria fasciata, Moore, Lep. Ceyl. iii, p. 464, pl. 203, figs. 6, *a*, *b*, (1887).
Phalæna eleonora, Cram., Pap. Exot. iii, 172, pl. 288, figs. E, F, G, (1782).
Macaria eleonora, Walker, Cat. Lep. Het. B. M. xxiii. p. 933, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860 ; and 1886, p. 455.

Macaria eleonorata et victorinata, Guén., Phal. ii, p. 89, 1062 ; and p. 90, 1063, (1857).

I. M., Buxar (Moti Ram), Ranchi (Irvine), Sikkim.
Collection Swinhoe, Darjiling, Solun, Kasauli, Nilgiri Hills, Mhow, Bombay.

3633. Gubaria metagonaria.

Azelina metagonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1518, (1862).
Macaria metagonaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 78p, pl. 118, and 11, (1886).

I. M., Sikkim.
Collection Swinhoe, Darjiling, Bombay, Matheran, Mahableshwar.

3634. Gubaria nora.

Macaria nora, Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648; 1877, p. 633; and 1878, p. 851.
Gubaria nora, Moore, Lep. Ceyl. iii, p. 465, pl. 203, figs. 5, 5*a*, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram).
Collection Swinhoe, Darjiling, Ceylon.

3635. Gubaria xanthonora.

Macaria xanthonora, Walker, Cat. Lep. Het. B. M. xxiii, p. 935, (1861).
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 78, pl. 118, fig. 12, (1886).

I. M., Buxar (Moti Ram).
Collection Swinhoe, Sikkim, Nilgiri Hills.

Genus **Gonodela.**

3636. Gonodela diplotata.

Semiothisa diplotata, Felder & R. Reise, Novara, pl. 128, fig. 16, ♂, (1874).

Bengal, Kalitimga.

3637. Gonodela effusata.

Macaria effusata, Guén., Phal. ii, 87, 1057, (1857).
——————— Walker, Cat. Lep. Het B. M. xxiii, p. 924, (1861).

India.

3638. Gonodela fidoniata.

Macaria fidoniata, Guén., Phal. ii, 78, 1030, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

N. India.

3639. Gonodela hebesata.

Macaria hebesata, Walker, Cat. Lep. Het. B. M., xxiii, p. 931, (1861).

Collection Swinhoe, Mhow.
Also recorded from China.

3640. GONODELA HONORARIA.

Macaria honoraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 928, (1861).
Gonodela honoraria, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 12, ♀, (1887).

Macaria permotaria, Walker, *loc. cit.* xxiii, p. 926, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.

Ceylon, Sylhet.

3641. GONODELA HORRIDARIA.

Gonodela horridaria, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram).
Collection Swinhoe, Solun, Sikkim.

3642. GONODELA INCHOATA.

Macaria inchoata, Walker, Cat. Lep. Het. B. M. xxiii, p. 931, (1861).

Collection Swinhoe, Bombay.

3643. GONODELA KHASIANA.

Gonodela khasiana, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

Khasi Hills.

3644. GONODELA MYANDARIA.

[*Macaria myandaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, (1862).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.

Collection Swinhoe, Matheran.

3645. GONODELA PERVOLGATA.

Macaria pervolgata, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Poona.
Also recorded from the Punjab.

3646. GONODELA PLACIDA.

Gonodela placida, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

Calcutta, Bombay.

3647. GONODELA STRENIATARIA.

Macaria streniataria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1646, (1861).
——————— Moore, Proc. Zool. Soc. London, 1867, p. 648.

I. M., Calcutta, Karachi.
Collection Swinhoe, Karachi, Hydrabad (Sind).

3648. Gonodela sufflata.

Macaria sufflata, Guén., Phal. ii, 88, 1059, pl. 17, fig. 8, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 925, (1861).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
Gonodela sufflata, Moore, Lep. Ceyl. iii, p. 467, pl. 205, figs. 5, 6, ♂, ♀, (1887).

. Rawalpindi, Ceylon.

3649. Gonodela vasudeva.

Macaria vasudeva, Walker, Cat. Lep. Het. B. M. xxiii, p. 933, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
Gonodela vasudeva, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 11, ♀, (1887).

Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Ceylon.

Genus **Evarzia.**

3650. Evarzia indica.

Evarzia indica, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 118, fig. 13, (1886).

Darjiling.

3651. Evarzia perspicuaria.

Macaria perspicuaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Collection Swinhoe, Sikkim.
Allied to *Evarzia ozararia*, Walker, of Borneo.

3652. Evarzia trilinearia.

Evarzia trilinearia, Moore, Descr. Ind. Lep. Atk., p. 263, (1887).

Darjiling.

Genus **Zeheba.**

3653. Zeheba aureata.

Zeheba aureata, Moore, Descr. Ind. Lep. Atk., p. 263, (1887).

Darjiling.

3654. Zeheba marginata.

Evarzia marginata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1561, ♀, (1866).
Zeheba marginata, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 8, ♀, (1887).

Ceylon, Java.

Genus **Azata.**

3655. Azata ferruginata.

Azata ferruginata, Moore, Lep. Ceyl. iii, p. 470, pl. 205, fig. 2, (1887).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

3656. AZATA QUADRARIA.

Azata quadraria, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 1, (1887).
Ceylon.

Genus **Carige.**

3657. CARIGE LUNULINEATA.

Carige lunulineata, Moore, Descr. Ind. Lep. Atk., p. 263, pl. 8, fig. 26, (1887).
Darjiling.

Genus **Zarmigethusa.**

3658. ZARMIGETHUSA BIANGULIFERA.

Zarmigethusa biangulifera, Moore, Descr. Ind. Lep. Atk. p. 263, (1887).
Darjiling.

3659. ZARMIGETHUSA EXTERSARIA.

Macaria extersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 926, (1861).
India.

3660. ZARMIGETHUSA MINOR.

Zarmigethusa minor, Moore, Descr. Ind. Lep. Atk. p. 264, (1887).
Calcutta.

Genus **Krananda.**

3661. KRANANDA SEMIHYALINA.

Krananda semihyalina, Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
Bengal.

FAMILY FIDONIDÆ.

Genus **Sterrha.**

3662. STERRHA PAULULA.

Sterrha paulula, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 41, fig. 7.
Collection Swinhoe, Mhow.

3663. STERRHA SACRARIA.

Phalæna (*Geometra*) *sacraria*, Linn., Syst. Nat. i, 2, p. 863, 220, (1766).
Phalæna sacraria, Fabr., Sp. Ins. ii, 252, 57, (1781).
———— Mant. Ins. ii, 195, 88, (1787).
———— Ent. Syst. iii, 2, 159. 106, (1793).
Geometra sacraria, Esp., Schm. v, 171, pl. 30, figs. 8, 9, (1794).*
———— Hübn., Geom., pl. 38, fig. 200, (1805—24).*
Aspilates sacraria, Dup., Lep. v, 121, pl. 178, fig. 7, (1832).*
Sterrha sacraria, Herr. Sch., Eur. Schm. iii, 108, 6, pl. 43, fig. 264.*

3663, Sterrha sacraria,—*contd.*

Sterrha sacraria, Guén., Phal. ii, p. 175, 1206, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1058, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528; 1885, p. 862, and 1886, p. 456.
———— Trans. Ent. Soc. Lond. 1885, p. 352.
———— Butler, Proc. Zool. Soc. Lond. 1886. p. 390.
Geometra sanguinaria, Esper. Schm. v, p. 173, pl. 30, figs. 10, 11.

I. M., Kulu (Young).
Collection Swinhoe, Kandahar, Quetta, Karachi, Mhow, Jacobabad, Mahableshwar, Alibagh.
Also recorded from Europe.

Genus **Rumia.**

3664. Rumia ablunata.

Rumia ablunata, Guén., Phal. i, 110, 170, (1857).
———— Walker, Cat. Lep. Het. B. M. xx, p. 138, (1860).

India.

3665. Rumia mimulina.

Rumia mimulina, Butler, Proc. Zool. Soc. Lond. 1886, p. 388.

I. M., Kulu (Young).
Collection Swinhoe, Thundiani (Punjab).

3666. Rumia pangiaria.

Ophistograptis pangiaria, Felder & R. Reise, Novara, pl. 123, fig. 4, ♂, (1873).

I. M., Kulu (Young).
Collection Swinhoe, Solun.

3667. Rumia sulphurea.

Rumia sulphurea, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 123.
———— Ill. Typ. Lep. Het. B. M. vi, p. 54, pl. 114, fig. 6, (1886).

Darjiling.

3668. Rumia tridentifera.

Rumia tridentifera, Moore, Descr. Ind. Lep. Atk., p. 230, (1887).

Darjiling.

Genus **Phyletis.**

3669. Phyletis cinerascens.

Phyletis cinerascens, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Kashmir, Pir (Punjab).

3670. PHYLETIS HERBICOLENS.

Delocharis herbicolens, Butler, Proc. Zool. Soc. Lond. 1883, p. 173.
Phyletis herbicolens, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Collection Swinhoe, Solun.

3671. PHYLETIS INCONSPICUA.

Phyletis inconspicua, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Murree.
Allied to *P. meonaria*.

3672. PHYLETIS KHASIANA.

Phyletis khasiana, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Khasi Hills.

3673. PHYLETIS MEONARIA.

Phyletis meonaria, Guén., Phal. ii, 170, 1199, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

N. India.

3674. PHYLETIS PELLONIARIA.

Phyletis pelloniaria, Guén., Phal. ii., 169, 1197, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

Collection Swinhoe, Thundiani (Punjab).

3675. PHYLETIS SIMILATA.

Phyletis similata, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Khasi Hills.

Genus **Fidonia.**

3676. FIDONIA ALBOFASCIA.

Fidonia albofascia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48, fig. 14.

Collection Swinhoe, Karachi, Hydrabad (Sind).

3677. FIDONIA (?) DUPLICATA.

Fidonia (?) *duplicata*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1035, (1862).

N. India.

Genus **Epifidonia.**

3678. EPIFIDONIA SIGNATA.

Epifidonia signata, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35, fig. 9.

I. M., Kulu (Young).

Genus **Aspilates.**

3679. ASPILATES (?) DISISTARIA.

Aspilates (?) disistaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1073, (1862).

N. India.

3680. ASPILATES FALCONARIA.

Aspilates falconaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1665, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

Collection Swinhoe, Darjiling.

3681. ASPILATES OBLIQUARIA.

Aspilates obliquaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

Collection Swinhoe, Kasauli.

Genus **Corymica.**

3682. CORYMICA ARNEARIA.

Corymica arnearia, Walker, Cat. Lep. Het. B. M. xx, p. 231, ♀, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 851.
——————— Lep. Ceyl. iii, p. 473, pl. 205, figs. 9, 10,(1887).
Caprilia vesicularia, Walker, *loc. cit.*, xxxv, p. 1569, ♂, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.
Also recorded from Tenasserim and Assam.

3683. CORYMICA CAUSTOLOMARIA.

Corymica caustolomaria, Moore, Descr. Ind. Lep. Atk., p. 231, (1887).

Darjiling.

3684. CORYMICA SPECULARIA.

Caprilia specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 649, pl. 33, fig. 11.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Assam.

Genus **Nobilia.**

3685. NOBILIA TURBATA.

Nobilia turbata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1098, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 650.

I. M., Sibsaghar, Sikkim (Barnes), Andaman Islands (De Roepstorff).
Collection Swinhoe, Sikkim.

Genus **Gamoruna.**

3686. GAMORÚNA PALPARIA.

Panagra palparia, Walker, Cat. Lep. Het. B. M. xxiii, p. 988, (1861).
Gamoruna palparia, Moore, Descr. Ind. Lep. Atk., p. 265, (1887).
India.

Genus **Ozola.**

3687. OZOLA MICRONIARIA.

Ozola microniaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1080, (1862).
——————— Moore, Lep. Ceyl. iii, p. 474, pl. 204, figs. 9, 10, ♂, ♀, (1887).
Phibalapterix acutata, Walker, *loc. cit.*, xxv, p. 1340, (1862).
Ceylon.

Genus **Oruza.**

3688. ORUZA COSTATA.

Oruza costata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1089, (1862).
India.

Genus **Hileia.**

3689. HILEIA CRAMBISATA.

Hileia crambisata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1100, (1862).
N. India.

Genus **Utidava.**

3690. UTIDAVA INCOMPTARIA.

Utidava incomptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1689, (1862).
Ceylon.

Genus **Prionia.**

3691. PRIONIA SQUALIDARIA.

Prionia squalidaria, Hubn., Zuträge, iv, 40, figs. 787, 8, ♀, (1832).*
——————— Guén., Phal. i, 144, 230, (1857).
——————— Walker, Cat. Lep. Het. B. M. xx, p. 175, (1860).
——————— Moore, Lep. Ceyl. iii, p. 476, pl. 205, figs. 3, 4, ♂, ♀, (1887).
Prionia violacearia, Guén., Phal. i, 144, 231, (1857).
——————— Walker, *loc. cit.*, xx, p. 176, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
Osicerda alienata, Walker, *loc. cit.*, xxiv, p. 1084, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
Celesdera schistifusata, Walker, *loc. cit.*, xxvi, p. 1749, (1862).
I. M., Sikkim.
Collection Swinhoe, Darjiling, Poona, Alibagh.

Genus **Osicerda.**

3692. OSICERDA COSTIMACULATA.

Osicerda costimaculata, Moore, Proc. Zool. Soc. Lond 1867, p. 650.
Collection Swinhoe, Sikkim.

3693. Osicerda trinotaria.

Osicerda trinotaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
Collection Swinhoe, Sikkim.

Genus **Zomia.**

3694. Zomia incitata.

Omiza incitata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1085, (1862).
Zomia incitata, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Khandalla, Nilgiri Hills.

3695. Zomia serpentinaria.

Timandra (?) *serpentinaria*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1634, (1866).
Zomia serpentinaria, Moore, Lep. Ceyl. iii, p. 475, (1887).
Ceylon.

3696. Zomia pallida.

Zomia pallida, Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Andaman Islands.

Genus **Plutodes.**

3697. Plutodes cyclaria.

Plutodes cyclaria, Guén., Phal. ii, 118, 1111, pl. 20, fig. 3, (1857).
——— Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).
Collection Swinhoe, Solun, Punjab.

3698. Plutodes discigera.

Plutodes discigera, Butler, Ann. Nat. Hist. 5, vi, (1880), p. 223.
——— Ill. Typ. Lep. Het. B. M., vi, p. 80, pl. 119, fig. 2, (1886).
Collection Swinhoe, Sikkim.

3699. Plutodes exquisita.

Plutodes exquisita, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 223.
——— Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119, fig. 4, (1886).
I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

3700. Plutodes flavescens.

Plutodes flavescens, Butler, Ann. Nat. Hist.; (5) vi, (1880), p. 223.
——— Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119, fig. 3, (1886).
I. M., Sikkim (purchased).

3701. PLUTODES SUBCAUDATA.

Plutodes subcaudata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig. 5, (1886).

Darjiling.

3702. PLUTODES TRANSMUTATA.

Plutodes transmutata, Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 119, fig. 1, (1886).
——————— Moore, Lep. Ceyl. iii, p. 472, pl. 205, fig. 7, (1887).
Comibæna gavisata, Walker, *loc. cit.* xxvi, p. 1566, (1862).

Collection Swinhoe, Khandalla.

Genus **Achrosis.**

3703. ACHROSIS PYRRHULARIA.

Achrosis pyrrhularia, Guén., Phal. ii, 539, 1780, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1477, (1862).
Pagrasa instabilata, Walker, *loc. cit.* xxiv, p. 1086, (1862).
——————— Butler, Ill. Typ. Lep. Het. B. M. p. 82, pl. 119, fig. 7, (1886).

I. M., Sibsaghar (Peal), Sikkim (purchased).
Collection Swinhoe, Sylhet.

3704. ACHROSIS RUFESCENS.

Pagrasa rufescens, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig. 6, (1886).

I. M., Sikkim (purchased).

Genus **Hypochrosis.**

3705. HYPOCHROSIS FESTIVARIA.

Phalæna festivaria, Fabr., Ent. Syst. iii, 2, 152, 84, (1793).
Hypochrosis festivaria, Guén., Phal. ii, 537, 1777, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3706. HYPOCHROSIS HYADARIA.

Hypochrosis hyadaria, Guén., Phal. ii, 537, 1776, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).

India.

3707. HYPOCHROSIS JASMINARIA.

Hypochrosis jasminaria, Guén., Phal. ii, 538, 1779, (1857).
———————Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3708. HYPOCHROSIS STERNARIA.

Hypochrosis sternaria, Guén., Phal. ii, 537, 1775, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).

India.

Genus **Janarda.**

3709. JANARDA ACUMINATA.

Janarda acuminata, Moore, Descr. Ind. Lep. Atk. p. 265, (1887).

Darjiling.

FAMILY ZERENIDÆ.

Genus **Rhyparia.**

3710. RHYPARIA DUCTARIA.

Rhyparia ductaria, Walker, Cat. Lep. Het. B. M. xxiv. p. 1111, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

3711. RHYPARIA MACULATA.

Rhyparia maculata, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

3712. RHYPARIA TRANSECTATA.

Rhyparia transectata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1112, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.

Collection Swinhoe, Khandalla.
Also recorded from the Himalayas.

Genus **Percnia.**

3713. PERCNIA BELLUARIA.

Percnia belluaria, Guén., Phal. ii, 217, 1279, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

I. M., Sikkim, Shillong.

3714. PERCNIA FELINARIA.

Percnia felinaria, Guén., Phal. ii, p. 216, 1278, pl. 19, fig. 1, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Naga Hills, Khasi Hills, Sikkim (purchased).
Collection Swinhoe, Sylhet, Assam.

3715. PERCNIA FORARIA.

Percnia foraria, Guén., Phal. ii, 217, 1280, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

India, China.

3716. PERCNIA GUTTATA.

Percnia guttata, Felder & R. Reise, Novara, pl. 130, fig. 15, ♂, (1874).

Darjiling.

Genus **Nelcynda.**

3717. NELCYNDA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1142, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

Genus **Vindusara.**

3718. VINDUSARA COMPOSITATA.

Abraxas compositata, Guén., Phal. ii, p. 207, 1266, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).
Vindusara compositata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653, pl. 32, fig. 6.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3719. VINDUSARA METACHROMATA.

Abraxas metachromata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).
Vindusara metachromata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 120, fig. 1, (1886).

I. M., Kulu (Young), Mussourie (Templeton).
Collection Swinhoe, Solun, Darjiling.

Genus **Icterodes.**

3720. ICTERODES CONSOCIA.

Abraxas consocia, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226.
Icterodes consocia, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 84, pl. 119, fig. 11, (1886).

N.-E. Himalayas.

3721. ICTERODES CONSPERSA.

Abraxas conspersa, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225.
Icterodes conspersa, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 83, pl. 119, fig. 10, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.
Allied to *I. lapsariata.*

3722. Icterodes lapsariata.

Abraxas lapsariata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1121, (1862).
——————— Moore, Proc. Zool. Soc. Lond, 1867, p. 652.

I. M., Cherrapunji, Belaspur.

Genus **Calcula.**

3723. Calcula exanthemata.

Calcula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 266, (1887).

Darjiling.

Genus **Metabraxas.**

3724. Metabraxas falcipennis.

Metabraxas falcipennis, Moore, Descr. Ind. Lep. Atk., p. 266, pl. 8, fig. 29, (1887).

Khasi Hills.

Genus **Callabraxas.**

3725. Callabraxas amanda.

Callabraxas amanda, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 119, fig. 12, (1886).

Darjiling.

3726. Callabraxas languidata.

Abraxas languidata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).

Collection Swinhoe, Tokei.
Also recorded from Nepal.

Genus **Abraxas.**

3727. Abraxas catenaria.

Melanippe catenaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33 fig. 9.

Collection Swinhoe, Darjiling.

3728. Abraxas couaggaria.

Abraxas couaggaria, Guén., Phal. ii, 202, 1253, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862), and xxvi, p. 1694, (1862).

India.

3729. Abraxas detritaria.

Abraxas detritaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1125, (1862) and xxvi, p. 1694, (1862).

S. India.

3730. ABRAXAS FASCIARIA.

Zerene fasciaria, Guér., Voy. Deless. Hist. Nat., p. 96, pl. 26, fig. 5, (1843).
Abraxas fasciara, Guén., Phal. ii, 205, 1260, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.
Collection Swinhoe, Belgaum, Nilgiri Hills.

3731. ABRAXAS FUSCESCENS.

Abraxas fuscescens, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35, fig. 10.
I. M., Kulu (Young).
Also recorded from the Punjab.

3732. ABRAXAS GIRAFFATA.

Abraxas giraffata, Guén., Phal. ii, 205, 1258, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
Collection Swinhoe, Darjiling.
Also recorded from China.

3733. ABRAXAS HYPSATA.

Abraxas hypsata, Felder & R. Reise, Novara, pl. 130, fig. 16, (1874).
India.

3734. ABRAXAS IRRORATA.

Abraxas irrorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.
Darjiling.

3735. ABRAXAS LABRARIA.

Abraxas labraria, Guén., Phal. ii, 203, 1255, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862).
India.

3736. ABRAXAS LEOPARDINA.

Zerene leopardina, Koll., Hug. Kasch. iv, 490, (1848).
Abraxas leopardinata, Guén., Phal. ii, p. 206, 1262, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862); and xxvi, p. 1694, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
I. M., Sikkim (purchased), Kulu (Young), North Khasi Hills.
Collection Swinhoe, Solun, Kangra, Sylhet.
Allied to *A. martaria*.

3737. ABRAXAS MARTARIA.

Abraxas martaria, Guén., Phal. ii, p. 205, 1258, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
———— Journ. As. Soc. Beng. liii, pt. 2, No. 3, p. 237, (1884).
I. M., Kulu (Young), Sibsaghar (Peal), Cherrapunji, Buxar (Moti Ram), Sylhet, North Khasi Hills, Sikkim.
Collection Swinhoe, Sylhet.

3738. Abraxas pardaria.

Abraxas pardaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.
Bengal.

3739. Abraxas picaria.

Abraxas picaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.
Bengal.

3740. Abraxas pusilla.

Abraxas pusilla, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225.
——— Ill. Typ. Lep. Het. B. M., p. 83, pl. 119, fig. 9, (1886).
Collection Swinhoe, Darjiling.
Allied to *A. leopardina*.

3741. Abraxas spontaneata.

Abraxas spontaneata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).
N. India.

3742. Abraxas (?) tenebraria.

Abraxas (?) *tenebraria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.
Collection Swinhoe, Sikkim.

3743. Abraxas tigrata.

Abraxas tigrata, Guén., Phal. ii, p. 202, 1252, (1857).
——— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
I. M., Sikkim.
Collection Swinhoe, Darjiling.

3744. Abraxas virginalis.

Abraxas virginalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl 35, fig. 11.
Collection Swinhoe, Pegu.
Also recorded from Murree.

Genus **Naxa.**

3745. Naxa puncticilia.

Naxa puncticilia, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.
Nilgiri Hills.

3746. NAXA TEXTILIS.

Naxa textilis, Walker, Cat. Lep. Het. B. M. vii, p. 1743, (1856).
——————— Moore, Journ. As. Soc. Beng. vol. liii, pt. 2, No. 3, (1884).

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sylhet, Ceylon.

Genus **Potera.**

3747. POTERA MARGINATA.

Potera marginata, Moore, Proc. Zool. Soc. Lond. 1878, p. 852, pl. 53, fig. 9.

Tenasserim.

Genus **Orthostixis.**

3748. ORTHOSTIXIS HÜGELI.

Orthostixis hügeli, Felder & R. Reise, Novara, pl. 130, fig. 19, ♂, (1874).

Sylhet, Kashmir.

Genus **Hybernia.**

3749. HYBERNIA HYBERNARIA.

Hybernia hybernaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862, pl. 56, fig. 4.

Bombay.

Genus **Onellaba.**

3750. ONELLABA BOTYDATA.

Onellaba botydata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1140, (1862).

S. India.

Genus **Ligdia.**

3751. LIGDIA COCTATA.

Ligdia coctata, Guén., Phal. ii, 210, 1270, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1128, (1862).

N. India.

Genus **Thaleridia.**

3752. THALERIDIA PRUINOSA.

Thaleridia pruinosa, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).

Darjiling.

Family LARENTIDÆ.

Genus Oporabia.

3753. Oporabia macularia.

Oporabia macularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.
Bengal.

Genus Lycauges.

3754. Lycauges albatus.

Lycauges albatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852, pl. 56, fig. 5.
Collection Swinhoe, Poona, Karachi.

3755. Lycauges defamataria.

Acidalia defamataria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861).
Idæa defamataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
Lycauges defamataria, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 2 ♀, (1887).
Collection Swinhoe, Poona, Bombay, Karachi, Nilgiri Hills, Alibagh.
Also recorded from Ceylon.

3756. Lycauges demissus.

Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456.
Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh.

3757. Lycauges postvittata.

Lycauges postvittata, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 12 ♀, (1887).
Ceylon.

Genus Larentia.

3758. Larentia aerata.

Larentia aerata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
I. M., Sikkim.

3759. Larentia conturbata.

Larentia conturbata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1703, (1862).
I. M., Kulu (Young).
Collection Swinhoe, Cashmir, Solun, Nilgiri Hills, Thundiani (Punjab).

3760. Larentia exliturata.

Larentia exliturata, Walker, Cat. Lep. B. M. xxiv, p. 1195, (1862).
Collection Swinhoe, Solun.

3761. LARENTIA FISSIFERATA.

Larentia fissiferata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

Collection Swinhoe, Nilgiri Hills.

3762. LARENTIA INDICARIA.

Eubolia indicaria, Guér., Voy. Delessert, 97, pl. 26, fig. 4, (1843).
Larentia indicaria, Guén., Phal. ii, 269, 1340, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).
Eubolia hedicaria, Walker, *loc. cit.* xxvi, p. 1739, (1862).

Nilgiri Hills.

3763. LARENTIA INTERMIXTA.

Larentia intermixta, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).

S. India.

3764. LARENTIA OCHREATA.

Larentia ochreata, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).

Darjiling.

3765. LARENTIA PERFICITA.

Lucia perficita, Walker, Cat. Lep. Het. B. M. xv, p. 1809, (1858).
Larentia perficita, Moore, Lep. Ceyl. iii., p. 478, (1887).
Larentia comprensata, Walker, *loc. cit.*, xxvi, p. 1703, ♂, (1862).

Ceylon.

3766. LARENTIA VARIEGATA.

Larentia variegata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.

Bengal.

Genus **Eupithecia.**

3767. EUPITHECIA ATTENUATA.

Eupithecia attenuata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 3, ♂, (1887).

Ceylon.

3768. EUPITHECIA CONSCENSA.

Eupithecia conscensa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 8.

Collection Swinhoe, Poona.

3769. EUPITHECIA COSTIPANNARIA.

Eupithecia costipannaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.

Bengal.

3770. Eupithecia decorata.

Eupithecia decorata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3771. Eupithecia ferruginaria.

Eupithecia ferruginaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
Darjiling.

3772. Eupithecia griseipennis.

Eupithecia (?) *griseipennis*, Moore, Descr. Ind. Lep. Atk., p. 269, pl. 8, fig. 28, (1887).
Cherrapunji.

3773. Eupithecia incurvata.

Eupithecia incurvata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Khasi Hills.

3774. Eupithecia lineosa.

Eupithecia lineosa, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3775. Eupithecia palpata.

Cidaria palpata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).
Eupithecia palpata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 6, ♀, (1887).
I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

3776. Eupithecia polycleata.

Botys polyclealis, Walker, Cat. Lep. Het. B. M. xix, p. 998, ♀, (1859).
Eupithecia polycleata, Moore, Lep. Ceyl. iii, p. 478, (1887).
Ceylon.

3777. Eupithecia rajata.

Eupithecia rajata, Guén., Phal. ii, 328, 1432, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, (1862).
India.

3778. Eupithecia saturata.

Larentia saturata, Guén., Phal. ii, 269, 1339, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).
Eupithecia saturata, Moore, 2nd Yarkand Mission, Calcutta, p. 15, (1879).
Yarkand, Pondicherry.

3779. EUPITHECIA SEMICIRCULATA.

Eupithecia semicirculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
Collection Swinhoe, Darjiling.

3780. EUPITHECIA TESTACEA.

Eupithecia testacea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 15.
Poona.

3781. EUPITHECIA USTATA.

Eupithecia ustata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3782. EUPITHECIA VARIEGATA.

Eupithecia variegata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 5, (1887).
Ceylon.

3783. EUPITHECIA VIRESCENS.

Eupithecia virescens, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 4, (1887).
Ceylon.

Genus **Ardonis.**

3784. ARDONIS CHLOROPHILATA.

Eupithecia chlorophilata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1768, ♀, (1862).
Ardonis chlorophilata, Moore, Descr. Ind. Lep. Atk., p. 269, (1887).
Bhotan, Darjiling.

Genus **Iramba.**

3785. IRAMBA ADMIXTARIA.

Eupithecia admixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, ♀, (1862).
Iramba admixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3786. IRAMBA BILINEA.

Eupithecia bilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 7.
Collection Swinhoe, Poona.
Allied to *I. immixtaria*.

3787. IRAMBA IMMIXTARIA.

Eupithecia immixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1244, (1862).
Iramba immixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3788. Iramba recensitaria.

Eupithecia recensitaria, Walker, Cat. Lep. Het. xxiv, p. 1244, (1862).
Iramba recensitaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3789. Iramba tibialis.

Iramba tibialis, Moore, Lep. Ceyl. iii, p. 481, pl. 206, fig. 2, ♀, (1887).
Ceylon.

Genus **Calluga.**

3790. Calluga costalis.

Calluga costalis, Moore, Lep. Ceyl. iii, p. 480, pl. 206, fig. 1, ♂, (1887).
Ceylon.

Genus **Emmelesia.**

3791. Emmelesia pictaria.

Emmelesia pictaria, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).
Darjiling.

Genus **Remodes.**

3792. Remodes abnormis.

Remodes abnormis, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 11, (1887).
Cherrapunji.

3793. Remodes decussata.

Sauris decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33, fig. 10.
Bengal.

3794. Remodes fasciata.

Remodes fasciata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887).
Cherrapunji.

3795. Remodes hirudinata.

Sauris hirudinata, Guén., Phal. ii, 362, 1486, (1857).
——— Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).
Remodes hirudinata, Moore, Lep. Ceyl. iii, p. 484, (1887).
I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.

3796. Remodes ignobilis.

Sauris ignobilis, Butler, Ann. Nat. Hist., (5), vi, p. 227, (1880).
——— Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 3, (1886).
Darjiling.

3797. Remodes interruptata.

Remodes interruptata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887).
Darjiling, Khasi Hills.

3798. Remodes lineosa.

Remodes lineosa, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 10, (1887).
Darjiling.

3799. Remodes nigripalpata.

Sauris nigripalpata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).
Remodes nigripalpata, Moore, Lep. Ceyl. iii, p. 484, (1887).
Ceylon.

3800. Remodes proboscidaria.

Sauris proboscidaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, ♀, (1862).
Remodes proboscidaria Moore, Lep. Ceyl. iii, p. 484, pl. 207, fig. 6, ♀, (1887).
Ceylon.

3801. Remodes remodesaria.

Sauris remodesaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1253, (1862).
Remodes remodesaria, Moore, Lep. Ceyl. iii, p. 484, pl. 207, figs. 3 ♂, 5 & 2 ♀, (1887).
Ceylon, Australia.

3802. Remodes triseriata.

Remodes triseriata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 1 ♂, 4 ♀, (1887).
Ceylon.

Genus **Brabira.**

3803. Brabira atkinsonii.

Brabira atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 271, (1887).
Darjiling.

3804. Brabira pallida.

Brabira pallida, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 12, (1887).
Darjiling.

Genus **Lygranoa.**

3805. Lygranoa cinerea.

Lygranoa cinerea. Butler, Ann. Nat. Hist., (5), vi, p. 228, (1880).
——— Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 4, (1886).
I. M., Sikkim (Swinhoe).
Collection Swinhoe, Sikkim.

3806. LYGRANOA RECTILINEATA.

Lygranoa rectilineata, Moore, Descr. Ind. Lep. Atk., p. 272, (1887).
Khasi Hills.

Genus **Anticlea.**

3807. ANTICLEA CUPREARIA.

Anticlea cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Darjiling.

3808. ANTICLEA LATERITIATA.

Anticlea lateritiata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

3809. ANTICLEA OCCLUSATA.

Cidaria occlusata, Felder & R. Reise, Novara, pl. 132, fig. 16, ♂, (1874).
Anticlea occlusata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 7, 8, (1887).
Collection Swinhoe, Ceylon.

3810. ANTICLEA PLUMBEATA.

Anticlea plumbeata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

3811. ANTICLEA SCHISTACEA.

Anticlea schistacea, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

Genus **Melanippe.**

3812. MELANIPPE CUPREATA.

Melanippe cupreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655,
Bengal.

3813. MELANIPPE LATIFUSATA.

Melanippe latifusata, Walker, Cat. Lep. Het. B. M. xxv, p. 1298, (1862).
Collection Swinhoe, Solun.

3814. MELANIPPE RESTITUTATA.

Melanippe restitutata, Walker, Cat. Lep. Het. B. M. xxv, p. 1297, (1862).
Melanthia restituta (sic), Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
Collection Swinhoe, Dharmsala.

Genus **Coremia.**

3815. COREMIA MAGNIFICATA.

Coremia magnificata, Walker, Cat. Lep. Het. B. M. xxv, p. 1312, (1862).
Nilgiri Hills.

3816. COREMIA MEDIOVITTARIA.

Coremia mediovittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Scotosia.**

3817. SCOTOSIA CONSPURCATA.

Scotosia conspurcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1685, 186.
I. M., Sikkim.

3818. SCOTOSIA DUBIOSATA.

Scotosia dubiosata, Walker Cat. Lep. Het. B. M. xxv, p. 1352, (1862).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617; and 1886, p. 393.
Punjab, Murree, Nilgiri Hills.

3819. SCOTOSIA EXPANSA.

Scotosia expansa, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3820. SCOTOSIA LATIVITTARIA.

Scotosia lativittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

3821. SCOTOSIA MINIOSATA.

Scotosia miniosata, Walker, Cat. Lep. Het. B. M. xxv, p. 1354, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
I. M., Kulu, Cherrapunji, Sikkim (Barnes), Philippine Islands.
Collection Swinhoe, Sylhet.

3822. SCOTOSIA NUBILATA.

Scotosia nubilata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3823. SCOTOSIA OBLIQUISIGNATA.

Scotosia obliquisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
Darjiling.

3824. SCOTOSIA PERSERRATA.

Scotosia perserrata. Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862).
South India.

3825. Scotosia rubrodotata.

Scotosia rubrodotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862).
India.

3826. Scotosia sordidata.

Scotosia sordidata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3827. Scotosia tremulata.

Scotosia tremulata, Guen., Phal. ii, 448, 1639, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1352, (1862).
N. India.

3828. Scotosia venimaculata.

Scotosia venimaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
Collection Swinhoe, Sikkim, Thundiani (Punjab).

Genus **Arichanna.**

3829. Arichanna albovittata.

Arichanna albovittata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3830. Arichanna furcifera.

Arichanna furcifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).
Darjiling.

3831. Arichanna maculata.

Arichanna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.
Bengal.

3832. Arichanna marmorata.

Arichanna marmorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33, fig. 3.
Bengal.

3833. Arichanna plagifera.

Scotosia plagifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1686, (1866).
Arichanna plagifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.
I. M., Sikkim (purchased).

3834. Arichanna ramosa.

Scotosia ramosa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1688, (1866).
Arichanna ramosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.
I. M., Sikkim.

3835. ARICHANNA TRAMESATA.

richanna trame sata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658, pl. 33, fig. 2.

Bengal.
Allied to *A. ramosa*, and *A. plagifera*.

Genus **Gandaritis.**

3836. GANDARITIS FLAVATA.

Gandaritis flavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

Bengal.

Genus **Cidaria.**

3837. CIDARIA AFFINIS.

Cidaria affinis, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Darjiling.

3838. CIDARIA ALBIGIRATA.

Cidaria albigirata, Kollar, Hüg. Kasch. iv, 2, p. 489, (1848).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 394.

Murree, Kashmir, Afghanistan.
Allied to *C. picata*, Hübn., of Europe.

3839. CIDARIA ALBOFASCIATA.

Cidaria albofasciata, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Darjiling.

3840. CIDARIA ALIENA.

Cidaria aliena, Butler, Ann. Nat. Hist., (5) vi, p. 230, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 11, (1886).

Bhotan.

3841. CIDARIA AMPLICATA.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).

I. M., Kulu (Young).
Collection Swinhoe, Pegu.

3842. CIDARIA ARGENTILINEATA.

Cidaria argentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660, pl. 33, fig. 5.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3843. Cidaria aurantiaria.

Cidaria aurantiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 661, pl. 33, fig. 8.

I. M., Sikkim.

3844. Cidaria aurata.

Cidaria aurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

3845. Cidaria aurigena.

Cidaria aurigena, Butler, Ann. Nat. Hist. (5) vi, p. 230, (1880).
——— Ill. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 10, (1886).

Collection Swinhoe, Sikkim.

3846. Cidaria bicolor.

Cidaria bicolor, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Chumbi.

3847. Cidaria calamistrata.

Cidaria calamistrata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662, pl. 33, fig. 6.

I. M., India.
Collection Swinhoe, Sikkim.
Allied to *C. russata* of Europe.

3848. Cidaria cervinaria.

Cidaria cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.

Bengal.

3849. Cidaria chalybearia.

Cidaria chalybearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

3850. Cidaria cinereata.

Cidaria cinereata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.

I. M., Sikkim.
Allied to *C. russata*.

3851. CIDARIA CURCUMATA.

Cidaria curcumata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Darjiling.

3852. CIDARIA DELECTA.

Cidaria delecta, Butler, Ann. Nat. Hist. (5) vi, p. 229, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 8, (1886).

I. M., Sikkim (purchased).

3853. CIDARIA FISSISIGNIS.

Cidaria fissisignis, Butler, Ann. Nat. Hist. (5) vi, p. 228, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 7, (1886).

Darjiling.

3854. CIDARIA INEXTRICATA.

Cidaria inextricata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1691, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

Collection Swinhoe, Sikkim.

3855. CIDARIA INSPURCATA.

Cidaria inspurcata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862).

S. India.

3856. CIDARIA INTERPLAGATA.

Cidaria interplagata, Guén., Phal. ii, 463, 1669, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1402, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

I. M., Sikkim.

3857. CIDARIA JAMEZA.

Cidaria jameza, Butler, Ann. Nat. Hist. (5) i, p. 452, (1878).
——————— Ill. Typ. Lep. Het. B. M. iii, p. 58, pl. 55, fig. 9, (1879).
——————— Proc. Zool. Soc. Lond. 1886, p. 393.

Japan, Murree.

3858. CIDARIA MACULATA.

Cidaria maculata, Moore, Descr. Ind. Lep. Atk. p. 277, (1887).

Darjiling.

3859. CIDARIA MELIDIATA.

Cidaria melidiata, Felder & R. Reise, Novara, pl. 132, fig. 42, ♀, (1874).

Himalayas, Lahul.

3860. Cidaria montanata.

Geometra montanata, Wien, Verz. 113, 14.*
———— Bork., Eur. Schm. v, 397, 194.*
———— Ill. N. Ausg. Dess. i, 456, 14.*
———— Hübn., Geom., pl. 48, fig. 248.*
———— Frey., Beitr., pl. 72, fig. 1, (1831-58).*
———— Sepp., Schm. vi, pl. 20, figs. 1—12.*
Cidaria montanata, Treit., Schm. vi, 2, 201, 34, (1827).*
———— Steph., Ill. Brit. Haust. iii, 219, 10.*
———— Walker, Cat. Lep. Het. B. M. xxv, p. 1289, (1862).
Zanthorhöe montanata, Hübn., Verz. Bek. Schm. 327, 3157, (1816).
Melanippe montanata, Dup., Lep. v, 274, pl. 189, fig. 6, (1824).*
———— Guén., Phal. ii, 399, 1543, (1857).
Larentia montanaria, Herr. Schoëff., Eur. Schm. iii, 152, 110.*
Melanthia montanaria, Boisd., Ind. 216, 1790.*
Phalæna ocellata, Fabr., Sp. Ins. ii, 262, 118, (1781).
———— Mant. Ins. ii, 206, 178, (1787).
———— Ent. Syst. iii, 2, 188, 216, (1794).
Geometra implicata, Haw., Lep. Brit., 303.*
———— (? ?) Bork., Eur. Schm. v, 196.*

I. M., Shillong.
Collection Swinhoe, Kulu.
Also recorded from Europe.

3861. Cidaria næmata.

Cidaria næmata, Felder & R. Reise, Novara, pl. 132, fig. 32, ♀, (1874).

Himalayas.

3862. Cidaria nugata.

Cidaria nugata, Felder & R. Reise, Novara, pl. 132, fig. 39, ♀, (1874).

Himalayas.

3863. Cidaria obliquisignata.

Cidaria (?) obliquisignata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Darjiling.

3864. Cidaria oblongata.

Cidaria oblongata, Guén., Phal. ii, 472, 1681, (1857).

N. India.

3865. Cidaria perpulchra.

Cidaria perpulchra, Butler, Proc. Zool. Soc. Lond. 1886, p. 393.

Murree.

3866. Cidaria ramalaria.

Cidaria ramalaria, Felder & R. Reise, Novara, pl. 132, fig. 31, ♀, (1874).

I. M., Kulu (Young).
Collection Swinhoe, Kulu.

3867. CIDARIA RELATA.

Cidaria relata, Butler, Ann. Nat. Hist., (5) vi, p. 229, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 9, (1886).

N.-E. Himalayas.

3868. CIDARIA RETICULATA.

Cidaria reticulata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.

Bengal.

3869. CIDARIA SERIATA.

Cidaria seriata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Darjiling.

3870. CIDARIA SIGNATA.

Cidaria signata, Moore, Proc. Zool. Soc. Lond. 1867, p. 661.

Collection Swinhoe, Sikkim.

3871. CIDARIA SUBAPICARIA.

Cidaria subapicaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim.
Collection Swinhoe, Darjiling.
Allied to *C. russata*.

3872. CIDARIA SUBSEPARATA.

Cidaria subseparata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862).

South India.

3873. CIDARIA SUBSTITUTA.

Cidaria substituta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1691, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

I. M., Sikkim.
Collection Swinhoe, Darjiling, Roorkee.

3874. CIDARIA TRISIGNATA.

Cidaria trisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

Bengal.

3875. CIDARIA VIRIDATA.

Cidaria viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 661.

Darjiling.

Genus **Eustroma.**

3876. EUSTROMA DECURRENS.

Eustroma decurrens, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
Cidaria oblongata, Walker (*nec* Guén.), Cat. Lep. Het. B. M. xxv, p. 1402, (1862).

Nynee Tal.

3877. EUSTROMA DENTIFERA.

Eustroma dentifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).

Cherrapunji.

3878. EUSTROMA DISSECTA.

Eustroma dissecta, Moore, Lep. Ceyl. iii, p. 488, pl. 207, fig. 9, ♀, (1887).

Ceylon.

3879. EUSTROMA MUSCICOLOR.

Eustroma muscicolor, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).

Darjiling.

3880. EUSTROMA OBSCURATA.

Cidaria obscurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 663, pl. 33, fig. 7.

Bengal.

3881. EUSTROMA PORPHYRIATA.

Eustroma porphyriata, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).

Darjiling.

3882. EUSTROMA SIDERIFERA.

Eustroma siderifera, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).

Darjiling.

3883. EUSTROMA TRIANGULIFERA.

Eustroma triangulifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).

Darjiling.

Genus **Harpalyce.**

3884. HARPALYCE KASHMIRICA.

Harpalyce kashmirica, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Kashmir.

Genus **Stammodes.**

3885. STAMMODES PAMPHILATA.

Stammodes pamphilata, Felder & R. Reise, Novara, pl. 132, fig. 34, (1874).

Collection Swinhoe, Kulu, Thundiani (Punjab).

Genus **Callipia.**

3886. CALLIPIA PARRHASIATA.

Callipia parrhasiata, Guén., Phal. ii, 515, 1752, pl. 21, fig. 5, (1857).
———— Walker, Cat. Lep. Het. B. M., xxv, p. 1458, (1862).

Bengal.

Genus **Nadagara.**

3887. NADAGARA VIGAIA.

Nadagara vigaia, Walker, Cat. Lep. Het. B. M. xxiv, p. 1093, (1862).
———— Moore, Lep. Ceyl. iii, p. 474, (1887).

Ceylon.

Genus **Collix.**

3888. COLLIX CONTRIBUTARIA.

Collix (?) contributaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).
———— Moore, Lep. Ceyl. iii, p. 483, (1887).

Ceylon.

3889. COLLIX FLAVOFASCIATA.

Collix flavofasciata, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 25, (1887).

Darjiling.

3890. COLLIX GHOSHA.

Lobophora Ghosha, Walker, List Ceyl Ins.*
Collix ghosha, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).
———— Moore, Lep. Ceyl. iii, p. 482, pl. 206, figs. 9, 10, 10 *a*, (1887).

Collection Swinhoe, Poona, Bombay, Ceylon.

3891. COLLIX HYPOSPILATA.

Collix hypospilata, Guén., Phal. ii, 358, 1481, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1248, (1862).
Lobophora salisuca, Walker, Ceyl. Ins.*

I. M., Mahableshwar (Swinhoe).
Collection Swinhoe, Ceylon, Mahableshwar, Nilgiri Hills.

Genus **Thera.**

3892. THERA KASHGHARA.

Thera kashghara, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
———— 2nd Yarkand Mission Calc., p. 15, pl. 1, fig. 23 (1879).

I. M., Yarkand (Moore's type).

Genus **Ypsipetes.**

3893. YPSIPETES (?) IMBRATA.

Ypsipetes (?) imbrata, Guén., Phal. ii, 389, 1507, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1269, (1862).

N. India.

Genus **Camptogramma.**

3894. CAMPTOGRAMMA (?) BLITEARIA.

Camptogramma (?) blitearia, Walker, Cat. Lep. Het. B. M. xxvi, p. 1716, (1862).
———— Moore, Lep. Ceyl. iii, p. 487, (1887).

Ceylon.

Genus **Plemyria.**

3895. PLEMYRIA BACCATA.

Camptogramma baccata, Guén., Phal. ii, 430, 1604, (1857).
———— Walker, Cat. Lep. Het. B. M. xxv, p. 1327, (1862).
Plemyria baccata, Moore, Lep. Ceyl. iii, p. 486, pl. 206, fig. 7, (1887).
Cidaria peracutata, Walker, *loc. cit.* xxv, 1421, (1862).

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Lampropteryx.**

3896. LAMPROPTERYX CINGALA.

Lampropteryx cingala, Moore, Lep. Ceyl. iii, p. 489, pl. 207, fig. 10, ♀, (1887).

Ceylon.

3897. LAMPROPTERYX MOLATA.

Cidaria molata, Felder & R. Reise, Novara, pl. 132, fig. 23, ♂, (1874).
Lampropteryx molata, Moore, Lep. Ceyl. iii, p. 489, pl. 207, figs. 11, 12, ♂, ♀, (1887).

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills, Ceylon.

Genus **Lobophora.**

3898. LOBOPHORA DECORATA.

Lobophora decorata, Moore, Descr. Ind. Lep. Atk., p. 272, (1887).

Darjiling.

3899. LOBOPHORA SIKKIMA.

Lobophora Sikkima, Moore, Descr. Ind. Lep. Atk., p. 272, pl. 8, fig. 30, (1887).

Rungchu Valley, Sikkim.

Genus **Phibalapteryx.**

3900. PHIBALAPTERYX HYDROCAMPATA.

Phibalapteryx hydrocampata, Guén., Phal. ii, 438, 1620, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1339, (1862).

N. India.

3901. PHIBALAPTERYX PLURILINEATA.

Phibalapteryx plurilineata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).

Cherrapunji, Khasi Hills.

FAMILY EUBOLIDÆ.

Genus **Docirava.**

3902. DOCIRAVA ÆQUILINEATA.

Docirava æquilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1635, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
——————— Butler, Ill.Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 5, (1886).

Collection Swinhoe, Solun.

3903. DOCIRAVA MACROCALATA.

Anaitis (?) macrocalata, Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).

India.

3904. DOCIRAVA MEDMARIA.

Orsonoba (?) medmaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1521, (1862).
Anaitis medmaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.
Docirava medmaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 6, (1886).
Eubolia reciproca, Walker, *loc. cit.* xxxv, p. 1698, (1866).

I. M., Sikkim (Dreyer).
Collection Swinhoe, Darjiling.
Allied to *D. macrocalata*.

3905. DOCIRAVA UVARIA.

Aspilates uvaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862).
Docirava uvaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
Anaitis vastata, Walker, *loc. cit.* xxxv, p. 1700, (1866).

Darjiling.

Genus **Anaitis.**

3906. ANAITIS (?) CURVILINEATA.

Anaitis (?) curvilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1741, (1862).

India.

3907. Anaitis fulgurata.

Anaitis fulgurata, Guén., Phal. ii, 498, 1725, (1857).
———— Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).

India.

3908. Anaitis pudicata.

Anaitis pudicata, Guén., Phal. ii, 497, 1722, (1857).
———— Walker, Cat. Lep. Het. B. M. xxv, p. 1446, (1862).

I. M., Almorah (purchased).
Collection Swinhoe, Sikkim.

Genus **Onychia.**

3909. Onychia grisea.

Nadagara grisea, Butler, Proc. Zool. Soc. Lond. 1883, p. 172; and 1886, p. 390.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.

I. M., Kulu (Young).
Collection Swinhoe, Darjiling, Simla, Mhow.

3910. Onychia lativitta.

Onychia lativitta, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).

Darjiling.

3911. Onychia violacea.

Onychia violacea, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).

Darjiling.

Family IDŒIDÆ.

Genus **Idœa.**

3912. Idœa absconditaria.

Acidalia absconditaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 757, (1861).
Idœa absconditaria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.

I. M., Calcutta.
Collection Swinhoe, Mhow, Poona, Bombay, Alibagh.
Also recorded from China.

3913. Idœa actiosaria.

Acidalia actiosaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idœa actiosaria, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 11, ♂, (1887).

Ceylon.

3914. IDŒA ACUTARIA.

Acidalia acutaria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861).
Idæa actuaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527; and 1885, p. 857.
——— Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 8, (1887).

I. M., Karachi, Bombay (Swinhoe), Kulu (Young), Andaman Islands (purchased).
Collection Swinhoe, Bombay, Karachi.
Also recorded from Ceylon.

3915. IDŒA ADEPTARIA.

Acidalia adeptaria, Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
Idæa adeptaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
——— Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 9, (1887).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3916. IDŒA ÆRATA.

Acidalia ærata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

I. M., Kulu (Young).
Collection Swinhoe, Darjiling, Solun, Kasauli.

3917. IDŒA ALBOMACULATA.

Idæa albomaculata, Moore, Descr. Ind. Lep. Atk., 253, (1887).

Darjiling.

3918. IDŒA ALBOSIGNATA.

Idæa (?) albosignata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).

Darjiling.

3919. IDŒA ANAITISARIA.

Acidalia (?) anaitisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861).

Collection Swinhoe, Nilgiri Hills.

3920. IDŒA ASPILATARIA.

Acidalia aspilataria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).
——— Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 6, (1887).

Ceylon.

3921. IDŒA ATTENTATA.

Acidalia attentata, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).
——— Moore, Proc. Zool. Soc. Lond. 1877, p. 622; and 1878, p. 852.
Idæa attentata, Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 5, (1887).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Tenasserim, Andaman Islands, Ceylon.

3922. Idœa bicaudata.

Acidalia bicaudata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643, pl. 33, fig. 12.

I. M., Kulu.
Collection Swinhoe, Darjiling.

3923. Idœa cæsaria.

Acidalia cæsaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idœa cæsaria, Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 10, (1887).
Acidalia obturbata, Walker, *loc. cit.* xxii, p. 755, (1861).
Acidalia (?) perfectaria, Walker, *loc. cit.* xxiii, p. 783, (1861).

Ceylon.

3924. Idœa celebraria.

Acidalia celebraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861).

S. India.

3925. Idœa chotaria.

Idœa chotaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 57, fig. 14; and 1886, p. 455.

Collection Swinhoe, Mhow, Poona, Bombay.

3926. Idœa contigaria.

Acidalia (?) contigaria, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).

N. India.

3927. Idœa distracta.

Acidalia distracta, Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
Idœa distracta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

Collection Swinhoe, Karachi.

3928. Idœa effrenata.

Acidalia effrenata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1756, (1862).

Bhotan.

3929. Idœa emissaria.

Acidalia emissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 751, (1861).

India.

3930. Idœa fibulata.

Acidalia fibulata, Guén., Phal. i, 490, 844, pl. 15, fig. 5, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
Acidalia cleoraria, Walker, *loc. cit.*, xxiii, p. 792, (1861).
Ephyra cleoraria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885; p. 856; and 1886, p. 454.

I. M., Khasi Hills, Campbellpur, Poona and Bombay (Swinhoe), Kulu (Young).
Collection Swinhoe, Solun, Mhow, Punjab, Karachi, Satara, Poona, Bombay, Nilgiri Hills, Ceylon.

3931. Idœa gemmifera.

Acidalia (?) gemmifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 644.
Collection Swinhoe, Darjiling.

3932. Idœa grandicularia.

Idœa grandicularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 11.
Collection Swinhoe, Poona.

3933. Idœa humeraria.

Acidalia humeraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862).
Collection Swinhoe, Solun.

3934. Idœa idearia.

Idœa idearia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857, pl. 56, fig. 15.
Collection Swinhoe, Poona, Bombay, Alibagh.

3935. Idœa inductata.

Acidalia inductata, Walker, Cat. Lep. Het. B. M. xxiii, p. 792, (1861).
Idœa inductata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Collection Swinhoe, Karachi.
Also recorded from Ceylon.

3936. Idœa intensata.

Idœa intensata, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 7, (1887).
Ceylon.

3937. Idœa invalida.

Acidalia invalida, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 439, (1879).
Idœa invalida, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Collection Swinhoe, Karachi.

3938. Idœa jacta.

Idœa jacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, pl. 48, fig. 12.
Collection Swinhoe, Karachi.

3939. Idœa ligataria.

Acidalia ligataria, Walker, Cat. Lep. Het. B. M. xxii, p. 748, (1861).
Idœa ligataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
Collection Swinhoe, Bombay.

3940. Idœa metaspilaria.

Acidalia metaspilaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 793, (1861).
S. India.

3941. Idœa mundissima.

Acidalia (?) mundissima, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861).
S. India.

3942. Idœa nesciaria.

Acidalia nesciaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idœa nesciaria, Moore, Lep. Ceyl. iii, p. 454, (1887).
Acidalia negataria, Walker, *loc. cit.*, xxii, p. 751, (1861).
Idœa negataria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
——————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.
——————— Proc. Zool. Soc. Lond. 1886, p. 455.
Collection Swinhoe, Kandahar.
Also recorded from Ceylon.

3943. Idœa nictata.

Acidalia nictata, Guén., Phal. i, 506, 876, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
N. India.

3944. Idœa patularia.

Acidalia patularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1633, (1866).
Idœa patularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.
I. M., Kulu (Young).
Collection Swinhoe, Mhow, Poona, Bombay.

3945. Idœa profanaria.

Acidalia profanaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866).
S. India.

3946. Idœa regulata.

Acidalia regulata, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861).
India.

3947. Idœa relictata.

Acidalia (?) relictata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866).

India.

3948. Idœa remotata.

Acidalia remotata, Guén., Phal. i, 458, 762, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 748, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Idœa remotata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885, p. 857; and 1886, p. 455.

Collection Swinhoe, Depalpur, Poona, Bombay, Purundhar, Karachi.

3949. Idœa subdeterminata.

Acidalia subdeterminata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862).

S. India.

3950. Idœa tephrosaria.

Acidalia tephrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

Collection Swinhoe, Sikkim.
Allied to *I. contigara*.

3951. Idœa undulataria.

Idœa undulataria, Moore, Descr. Ind. Lep. Atk., p. 252, (1887).

Collection Swinhoe, Khasi Hills, Sikkim.

3952. Idæa walkeri.

Idœa walkeri, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.
Acidalia extimaria, Walker, Cat. Lep. Het. B. M., xxiii, p. 794, No. 280, *nec* p. 782, No. 252, (1861).
Idœa extimaria, Moore, Lep. Ceyl. iii, p. 455, pl. 204, fig. 5, (1887).

I. M., Mergui (Anderson), Ranchi (Irvine), Bombay and Khandalla (Swinhoe), Andaman Islands (De Roepstorff).
Collection Swinhoe, Khasi Hills, Sikkim, Solun, Mhow, Poona, Bombay, Khandalla, Nilgiri Hills.

Genus **Craspedia.**

3953. Craspedia addictaria.

Acidalia addictaria, Walker, Cat. Lep. Het. B. M. xxii, p. 749, (1861).
Idœa addictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.
Craspedia addictaria, Moore, Lep. Ceyl. iii, p. 451, pl. 291, figs. 3, 4, (1887).

Collection Swinhoe, Solun, Mhow, Poona, Alibagh.

3954. Craspedia deliciosaria.

Acidalia deliciosaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).
Craspedia deliciosaria, Moore, Lep. Ceyl. iii, p. 451, pl. 201, fig. 7, (1887).

India, Ceylon.

3955. Craspedia kashmirensis.

Craspedia kashmirensis, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).

Kashmir.

3956. Craspedia ornata.

Phalæna ornata, Scop. Ent. Carn. 219, 545.
———— Rossi, Faun. Etrusc. ii, 196, 1177.*
———— Fabr., Ent. Syst. iii, 2, 201, 262, (1793).
———— Bork., Eur. Sch. v, 462, 227.*
Geometra ornata, Wien., Verz. 117, 14.*
———— Ill. N. Ausg. Dess. i, 482, 14.*
Idæa ornata, Treit., Schm. vi, 2, 283, 15.*
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
Acidalia ornata, Dup., Lep. v, 45, pl. 173, fig. 4.*
———— Boisd, Ind. 221, 1835.*
———— Herr Schoeff, Eur. Sch. iii, 25, 66.*
———— Delah, Sch. 42.*
———— Guén, Phal. i, 485, 831, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 701, (1861).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.
Ptychopoda ornata, Steph., Ill. Brit. Haust. iii, 307, 6.*
Geometra ornataria, Esper., Schm. v, pl. 51, figs. 2, 4.*
———— Hübn., Geom., pl. 14, fig. 70.*
———— Haw., Lep. Brit. 355.*
Craspedia ornataria, Hübn., Verz. Sch. 312, 3011.
Phalæna instituta, Hübn., Berl. Mag. iv, 5, 526, 47;* Naturf. xi, 74, 47.*

I. M., Kulu (Young), Sikkim, Ranchi (Irvine).
Collection Swinhoe, Solun, Quetta, Kandahar, Nilgiri Hills.
Also recorded from Europe.

3957. Craspedia pedilata.

Acidalia pedilata, Felder & R. Reise, Novara, pl. 128, fig. 1, ♂, (1874).
Craspedia pedilata, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 9, ♀, (1887).

Ceylon.

3958. Craspedia persimilis.

Craspedia persimilis, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Chumba, Dharmsala, Umballa, Solun.

3959. Craspedia similaria.

Craspedia similaria, Waterhouse, Aid, pl. 115, fig. 2, (1884).

Darjiling.

3960. Craspedia stigmata.

Craspedia stigmata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).

N.-W. India, Solun.

3961. Craspedia turpisaria.

Acidalia turpisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 771, ♀, (1861).
Craspedia (?) turpisaria, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 10, ♀, (1887).

Collection Swinhoe, Mahableshwar.
Also recorded from Ceylon, Borneo.

Genus **Rambara.**

3962. Rambara dentifera.

Rambara dentifera, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).

Darjiling.

3963. Rambara infelix.

Zanclopteryx infelix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 13.

Collection Swinhoe, Poona, Khandalla.

3964. Rambara saponaria.

Zanclopteryx saponaria, Guén., Phal. ii, 16, 915, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxiii, p. 810, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Rambara saponaria, Moore, Lep. Ceyl. iii, p. 459, pl. 303, fig. 8, (1887).

Singapore, Ceylon, Andaman Islands, India.

Genus **Micrœschus.**

3965. Micrœschus elataria.

Hyria elataria, Walker, Cat. Lep. Het. B. M., xxii, p. 665, (1861).
Micrœschus elataria, Butler, Ann. Nat. Hist., (5) i, (1878), p. 402.
——————— Moore, Lep. Ceyl. iii, p. 449, (1887).

Ceylon.

3966. Micrœschus oblataria.

Hyria oblataria, Walker, Cat. Lep. Het. B. M. xxii, p. 665, (1861).
Micrœshus oblataria, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 6, (1887).

Ceylon.

Genus **Pseudasthena.**

3967. Pseudasthena dissimilis.

Pseudasthena dissimilis, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 7, (1887).

Ceylon.

3968. Pseudasthena grataria.

Hyria grataria, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858.
Pseudasthena grataria, Moore, Lep. Ceyl. iii, p. 451, pl. 200, fig. 3, (1887).
Collection Swinhoe, Poona, Mahableshwar.
Also recorded from Ceylon.

3969. Pseudasthena lunulosa.

Pseudasthena lunulosa, Moore, Lep. Ceyl. iii, p. 450, pl. 200, figs. 5, 5*a*, (1887).
Ceylon.

3970. Pseudasthena memorata.

Pomasia memorata, Walker, Cat. Lep. Het. B. M., xxii, p. 657, (1861).
Pseudasthena memorata, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 8, (1887).
India, Ceylon.

3971. Pseudasthena rhodinaria.

Hyria (?) *rhodinaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 666, (1861).
Pseudasthena rhodinaria, Moore, Lep. Ceyl. iii, p. 450, (1887).
Ceylon.

Genus **Hyria.**

3972. Hyria bicolorata.

Hyria bicolorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.
Bengal.

3973. Hyria bilineata.

Hyria bilineata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 455.
Collection Swinhoe, Assirgarh.

3974. Hyria deviaria.

Hyria deviaria, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).
Collection Swinhoe, Nilgiri Hills.

3975. Hyria marcidaria.

Hyria (?) *marcidaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).
———— Moore, Lep. Ceyl. iii, p. 448, (1887).
Collection Swinhoe, Ceylon.

3976. Hyria mitigata.

Hyria mitigata, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).
N. India.

3977. Hyria olearia.

Hyria olearia, Guén., Phal. i, 430, 707, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).

N. India.

3978. Hyria ornata.

Hyria ornata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

Bengal.

3979. Hyria pluristrigata.

Hyria (?) pluristrigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

Collection Swinhoe, Sikkim.

3980. Hyria trilineata.

Hyria trilineata, Moore, Proc. Zool. Soc. Lond. 1877, p. 642.

Collection Swinhoe, Darjiling.

3981. Hyria undulosata.

Hyria undulosata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).

Darjiling.

3982. Hyria volutaria.

Hyria volutaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 14.

Bombay.

Genus **Bardanes.**

3983. Bardanes plicata.

Bardanes plicata, Moore, Descr. Ind. Lep. Atk., p. 251, pl. 8, fig. 22, (1887).

Darjiling.

Genus **Asthena.**

3984. Asthena querula.

Asthena querula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 859, pl. 56, fig. 16.

Poona.

3985. Asthena sunandeva.

Pomasia sunandeva, Walker, Cat. Lep. Het. B. M. xxii, p. 657, (1861).
Asthena sunandeva, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 4, (1887).

I. M., Andaman Islands.
Collection Swinhoe, Ceylon.

3986. ASTHENA TRISTICULA.

Asthena tristicula, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859, pl. 56, fig. 17.

Collection Swinhoe, Bombay.

3987. ASTHENA URBICA.

Asthena urbica, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.

Collection Swinhoe, Bombay, North Kanara.

Genus **Runeca.**

3988. RUNECA FERRILINEATA.

Runeca ferrilineata, Moore, Descr. Ind. Lep. Atk., 252, pl. 8, fig. 13, (1887).

Darjiling.

Genus **Timandra.**

3989. TIMANDRA ALBIFRONTATA.

Timandra albifrontata, Moore, Descr. Ind. Lep. Atk., p. 255, (1887).

Darjiling.

3990. TIMANDRA AVENTIARIA.

Timandra aventiaria, Guén., Phal. ii, p. 3, 896, (1857).
——— Walker, Cat. Lep. Het. B. M. xxiii, p. 801, (1861); and xxvi, p. 1617, (1862).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 644.
Erastria aventiaria, Moore, Lep. Ceyl. iii, p. 458, pl. 202, figs. 4, 4*a*, 1887.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Sylhet, Ceylon, Australia.

3991. TIMANDRA CONVECTARIA.

Timandra convectaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 800, (1861).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 644.
Erastria convectaria, Moore, Lep. Ceyl. iii, p. 457, pl. 202, figs. 3, 3*a*, (1887).
Timandra comptaria, Walker, *loc. cit.* xxvi, p. 1615, (1862).

I. M., Sikkim.
Collection Swinhoe, Solun, Sylhet, Ceylon, Mahableshwar, Nilgiri Hills.

3992. TIMANDRA RESPONSARIA.

Timandra responsaria, Moore, Descr. Ind. Lep. Atk., p. 255, (1887).

Cherrapunji.

3993. TIMANDRA SEMICOMPLETA.

Timandra semicompleta, Walker, Cat. Lep. Het. B. M. xxvi, p. 1616, (1862).

India.

3994. TIMANDRA SUBOBLIQUARIA.

Timandra subobliquaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 644.

Bengal.

Genus **Somatina.**

3995. SOMATINA ANTHOPHILATA.

Somatina anthophilata, Guén., Phal. ii, p. 11, 907, pl. 18, fig. 2, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 806, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.

Collection Swinhoe, Poona, Bombay.

3996. SOMATINA PLURILINEARIA.

Somatina plurilinearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 645.

I. M., Kulu, Sikkim.
Collection Swinhoe, Darjiling.

3997. SOMATINA PLYNUSARIA.

Anisodes plynusaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 641.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Sylhet.

3998. SOMATINA PURPURASCENS.

Somatina purpurascens, Moore, Lep. Ceyl. iii, p. 540, pl. 202, figs. 2, 2*a*, (1887).

Ceylon.

Genus **Agnibesa.**

3999. AGNIBESA PICTARIA.

Somatina (?) *pictaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
Agnibesa pictaria, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).

Collection Swinhoe, Sikkim.

4000. AGNIBESA RECURVILINEATA.

Agnibesa recurvilineata, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).

Darjiling.

Genus **Trygodes.**

4001. TRYGODES DIVISARIA.

Macaria divisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861).
Trygodes divisaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 642; and 1877, p. 621.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Kanara and Celebes.

4002. Trygodes ferrifera.

Trygodes ferrifera, Moore, Descr. Ind. Lep. Atk., p. 255, pl. 8, fig. 18, (1887).

Darjiling.

4003. Trygodes vagata.

Macaria vagata, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861).
Trygodes vagata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Collection Swinhoe, Sylhet.

Genus **Emodes.**

4004. Emodes sinuosa.

Emodes sinuosa, Moore, Descr. Ind. Lep. Atk., p. 256, pl. 8, fig. 18, (1887).

Khasi Hills.

Genus **Pomasia.**

4005. Pomasia psylaria.

Pomasia psylaria, Guén., Phal. i, 428, 702, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 656, (1861).
——————— Moore, Lep. Ceyl. iii, p. 448, pl. 200, fig. 2, (1887).

Collection Swinhoe, Ceylon.

Genus **Luxiaria.**

4006. Luxiaria exclusa.

Hemerophila (?) exclusa, Walker, Cat. Lep. Het. B. M. xxi, p. 320, ♂, (1860).
Bithia exclusa, Walker, *loc. cit.* xxxv, p. 1599, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621; and 1878, p. 852.
Luxiaria exclusa, Moore, Lep. Ceyl. iii, p. 457, pl. 202, fig. 5, ♀, pl. 215, fig. 4, ♂, (1887).
Hemerophila prætereuns, Walker, *loc. cit.* xxi, p. 320, (1860).
Acidalia imprimata, Walker, *loc. cit.* xxiii, p. 771, (1861).
Macaria obstataria, Walker, *loc. cit.* xxiii, p. 928, (1861).
Bithia lignaria, Walker, *loc. cit.* xxxv, p. 1600, (1866).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Ceylon, North Kanara, Andaman Isles.

4007. Luxiaria fasciosa.

Luxiaria fasciosa, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Darjiling.

4008. Luxiaria intensata.

Luxiaria intensata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Darjiling.

4009. Luxiaria obliquata.

Luxiaria obliquata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Collection Swinhoe, Sikkim.

4010. Luxiaria phyllosaria.

Drepanodes (?) phyllosaria, Walker, Cat. Lep. Het. B. M. xx, p. 82, (1860).
Luxiaria phyllosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Bengal.

Genus **Phalacra.**

4011. Phalacra vidhisara.

Hemerophila vidhisara, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).
Phalacra vidhisara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
——————— Moore, Lep. Ceyl. iii, p. 541, pl. 201, figs. 1, 1*a*, (1887).
Phalacra metagonaria, Walker, *loc. cit.* xxxv, p. 1639, ♂, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Collection Swinhoe, Bombay, Alibagh, Calcutta.
Also recorded from Ceylon.

Family MICRONIDÆ.

Genus **Micronia.**

4012. Micronia aculeata.

Micronia aculeata, Guén., Phal. ii, p. 26, 928, pl. 13, fig. 8, ♀, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 817, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646; 1877, p. 622; and 1878, p. 852.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
——————— Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 1, ♀, (1887).
Micronia gannata, Guén., Phal. ii, 26, 929, ♂.
——————— Walker, *loc. cit.* xxiii, p. 817, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

I. M., Buxar, Tavoy, Cachar, Mergui, Sibsaghar, Kulu (Young), Calcutta, Andaman Islands, Sikkim.
Collection Swinhoe, Mirzapore, Poona, Nilgiri Hills, Ceylon.

4013. Micronia obliquaria.

Micronia obliquaria, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 17.

Andaman Islands, Darjiling.

4014. Micronia sparsaria.

Micronia sparsaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Collection Swinhoe, Buxar, Sikkim, Maldah, Burma.

4015. Micronia teriadata.

Micronia teriadata, Guén., Phal. ii, 29, 936, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 825, (1861).

India.

Genus **Strophidia.**

4016. STROPHIDIA FASCIATA.

Phalæna (Geometra) fasciata, Cram., Pap. Exot. ii, 12, pl. 104, fig. *D*, (1779).
Micronia fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
Strophidia fasciata, Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 7, (1887).
Phalæna caudata, Fabr., Ent. Syst. iii, 2, 163, 124, (1794).
Micronia caudata, Guén., Phal. ii, 25, 926, (1857).
Strophidia caudaria, Hubn., Verz. Schm. 290, 2817, (1816).
Micronia obtusata, Guén., Phal. ii, 25, 927, pl. 5, fig. 6, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 816, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 646; and 1877, p. 622.

I. M., Tavoy (Moti Ram), Sikkim (purchased), Andaman, Islands (purchased), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.

Genus **Pseudomicronia.**

4017. PSEUDOMICRONIA CŒLATA.

Pseudomicronia cælata, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).
Micronia caudata, Walker (*nec* Fabr.), Cat. Lep. Het. B. M. xxiii, p. 817, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Darjiling, Belgaum, Mahableshwar.

4018. PSEUDOMICRONIA FRATERNA.

Pseudomicronia fraterna, Moore, Lep. Ceyl. iii, p. 461, pl. 203, fig. 2, ♀, (1887).

Ceylon.

Genus **Micronidia.**

4019. MICRONIDIA SIMPLICIATA.

Micronia simpliciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
Micronidia simpliciata, Moore, Descr. Ind. Lep. Atk., p. 258, (1887).

Collection Swinhoe, Darjiling.

Genus **Acropteris.**

4020. ACROPTERIS CASEATA.

Micronia caseata, Guén., Phal. ii, 27, 932, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).
———— Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, (1884) p. 237.

I. M., Sikkim (Barnes), Sibsaghar (Peal), Mussourie (Templeton), Cachar (Wood-Mason), Tavoy (Moti Ram), Mergui (Anderson).
Also recorded from Java.

4021. ACROPTERIS GRAMMEARIA.

Acropteris grammearia, Geyer, Hübn. Zutr., p. 38, 381, fig. 761, 762, (1825).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).
Micronia grammearia, Guén., Phal. ii, 27, 931, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 852.

Tenasserim.

4022. ACROPTERIS STRIATARIA.

Phalæna (Geometra) striataria, Clerck, Icon., pl. 55, fig. 4, (1759).
——————— —— Linn., Syst. Nat. 1, pt. 2, p. 2418, 197, (1767).
——————— Gmel., Ed. Syst. Nat. i, 5, 2448, 197.
Micronia striataria, Guén., Phal. ii, 28, 934, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
Acropteris striataria, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).

Collection Swinhoe, Sylhet.

4023. ACROPTERIS VAGATA.

Micronia vagata, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 18; and 1878, p. 852.

I. M., Dunsiri, Tavoy (Moti Ram), Mergui (Anderson).

Genus **Ditrigona.**

4024. DITRIGONA TRIANGULARIA.

Urapteryx triangularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
Ditrigona triangularia, Moore, Descr. Ind. Lep. Atk., p. 258, (1887).

Collection Swinhoe, Sikkim.

Genus **Urapteroides.**

4025. URAPTEROIDES ASTHENIATA.

Micronia astheniata, Guén., Phal. ii, 24, 925, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 821, (1861).
——————— West., Trans. Zool. Soc. Lond. 1879, p. 514.
Urapteroides astheniata, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Darjiling, Borneo.

Genus **Pigia.**

4026. PIGIA INFANTULARIA.

Pigia infantularia, Guén., Phal. ii, 20, 924, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 813, (1861).
Micronia vanaria, Walker, *loc. cit.* xxiii, p. 820, (1861).

Ceylon.

Genus **Myrteta.**

4027. MYRTETA PLANARIA.

Myrteta planaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 831, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 9, (1886).

Collection Swinhoe, Darjiling.

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CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part V.—PYRALES.



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Group PYRALES.

Family BOTYDIDÆ.

Genus Dadessa.

4028. Dadessa elycesalis.

Botys elycesalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859).
India.

4029. Dadessa evaxalis.

Botys evaxalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859).
Dadessa evaxalis, Moore, Lep. Ceyl. iii, p. 333, pl. 183, fig. 3, ♂, (1886).
Ceylon.

Genus Conogethes.

4030. Conogethes alboflavalis.

Conogethes alboflavalis, Moore, Descr. Ind. Lep. Atk., p. 220, (1887).
Darjiling.

4031. Conogethes punctiferalis.

Astura punctiferalis, Guén., Delt. et Pyral., p. 320, No. 347, (1854).
——————— Walker, Cat. Lep. Het. B. M., xviii, p. 548, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Botys punctiferalis, Leder., Wien. Ent. Monat., vii, p. 375, (1863).
Conogethes punctiferalis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 314.
——————— Moore, Lep. Ceyl. iii, p. 333, (1886).
I. M., Sibsagar (Peal), Dunsiri, Sikkim (purchased), Cachar (Wood-Mason), North Khasi Hills.
Collection Swinhoe, Khasi Hills, Bombay, Rangoon.
Also recorded from Amboina.

4032. Conogethes semifascialis.

Astura semifascialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1381, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Collection Swinhoe, Poona.
Also recorded from Australia.

Genus Astura.

4033. Astura festivalis.

Astura festivalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Collection Swinhoe, Bombay.

Genus **Botyodes.**

4034. BOTYODES ASIALIS.

Botyodes asialis, Guén., Delt. et Pyral., p. 321, No. 348, ♀, (1854).
——— Leder., Wien. Ent. Monat. vii, p. 394, pl. 13, fig. 8, (1863).
——— Walker, Cat. Lep. Het. B. M., xviii, p. 551, (1859).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
——— Snellen, Tijd. voor Ent., xxvi, 1883, p. 139.
——— Moore, Lep. Ceyl. iii, p. 335, pl. 183, figs. 1 ♂, 1*a* larva, (1886).
Botys sellalis, Walker (*nec* Guén.) *loc. cit.*, xviii, p. 648, (1859).

I. M., Ranchi (Irvine), Buxa (Moti Ram), Sikkim (Barnes, also purchased), Calcutta, Simla, Kulu (purchased), Ceylon (Swinhoe).
Collection Swinhoe, Kasaoli, Ceylon, Nilgiri Hills, Bombay, Poona, Khandalla, Belgaum, Sikkim, Rangoon.
Also recorded from Nepal.

4035. BOTYODES COSTALIS.

Botyodes costalis, Moore, Descr. Ind. Lep. Atk., p. 221, (1887).

Darjiling.
Allied to *B. scinisalis*.

4036. BOTYODES FLAVIBASALIS.

Botyodes flavibasalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 96, ♀.
——— Felder & R. Reise, Novara Lep., pl. 135, fig. 41, (1874).

I. M., Sibsaghar (Peal), Calcutta (Wood-Mason).
Collection Swinhoe, Sikkim.

4037. BOTYODES FRATERNA.

Botyodes fraterna, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 16, (1887).

Darjiling.
Allied to *B. costalis*.

4038. BOTYODES INCONSPICUA.

Botyodes inconspicua Moore, Descr. Ind. Lep. Atk., p. 220, (1887).

Darjiling.

4039. BOTYODES LEOPARDALIS.

Botyodes leopardalis, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 26, (1887).

Darjiling.

4040. Botyodes scinisalis.

Botys scinisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619, pl. 60, fig. 11.
Botys disjunctalis, Walker, Char. Undescr. Lep. Het., p. 96, (1869).

I. M., Sikkim.
Collection Swinhoe, Sikkim, Rangoon.
Also recorded from Andaman Islands.

Genus **Botys.**

4041. Botys æqualis.

Botys æqualis, Leder., Wien. Ent. Monat. vii, 468, pl. 10, fig. 3, (1863).
——————— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

India.

4042. Botys albidalis.

Botys albidalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1411, (1865).

India.

4043. Botys anaxisalis.

Botys (?) *anaxisalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 658 (1859).

Collection Swinhoe, Solun.

4044. Botys annulalis.

Botys annulalis, Walker, Cat. Lep. Het. B.M. xviii, p. 675, (1859).
Hapalia (?) *annulalis*, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4045. Botys ardealis.

Botys ardealis, Felder & R. Reise, Novara Lep., pl. 134, fig. 31, (1874).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.

I. M., Nicobar Islands.

4046. Botys aurea.

Botys aurea, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 76, pl. 59, fig. 12, (1879).
——————— Proc. Zool. Soc. Lond. 1883, p. 168.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Collection Swinhoe, Mhow, Solun, Bombay, Poona, Rangoon.
Also recorded from Yokohama.

4047. Botys aureolalis.

Botys aureolalis, Leder., Wien. Ent. Monat. vii, p. 473, (1863).
——————— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).

Himalayas.

4048. Botys brevilinealis.

Botys brevilinealis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859).
Hapalia (?) brevilinealis, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4049. Botys caldusalis.

Botys caldusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 650, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 850.

I. M., Mergui (Anderson), Sibsagar, Sikkim (Barnes, also purchased), Kulu (purchased), Tenasserim.
Collection Swinhoe, Sikkim.

4050. Botys carnealis.

Botys carnealis, Dup., Hist. Nat. Lep. viii, p. 322, pl. 232, fig. 4.*
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 335.
Botys diffusalis, Guen., Delt. et Pyral, p. 340, (1854).
Botys tenuialis, Mann., Wien. Ent. Monat. vi, p. 387, pl. 3, fig. 5, (1862).

Campbellpur (Punjab), South Europe.

4051. Botys cynaralis.

Botys cynaralis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859).
Hapalia (?) cynaralis, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4052. Botys damoalis.

Botys damoalis, Walker, Cat. Lep. Het. B. M. xviii, p. 656, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.

Bengal.
Allied to *B. nubilalis*.

4053. Botys divisalis.

Botys divisalis, Leder., Wien. Ent. Monat. vii, p. 468, pl. 10, fig. 4, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

India.

4054. Botys dryopealis.

Botys dryopealis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859).
Hapalia (?) dryopealis, Moore, Lep. Ceyl. iii, p. 342, (1886).

Ceylon.

4055. Botys epastalis.

Botys epastalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874, pl. 57, fig. 13.

Collection Swinhoe, Bombay, Alibagh.
Allied to *B. albi-fimbrialis* from Japan.

4056. Botys euryclealis.

Botys euryclealis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).

India.

4057. Botys ilusalis.

Botys ilusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 705, (1859).
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

Collection Swinhoe, Solun, Rangoon.
Also recorded from Borneo and Sarawak.

4058. Botys inanitalis.

Botys inanitalis, Leder., Wien. Ent. Monat. vii, 464, pl. 9, fig. 3, (1863).
——— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).

India, Amboina.

4059. Botys incoloralis.

Botys incoloralis, Guén., Delt. et Pyral, p. 332, No. 369, (1854).
——— Walker, Cat. Lep. Het. B. M. xviii, p. 656. (1859).
——— Leder., Wien. Ent. Monat. vii, p. 371, (1863).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873; and 1886, p. 459.
Botys œdipodalis, (?) Swinhoe (*nec* Guén.), Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Karachi, Poona, and Bombay (Swinhoe).
Collection Swinhoe, Karachi, Poona, Mhow, Bombay.
Also recorded from Sylhet.

4060. Botys interruptalis.

Botys interruptalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1406, (1865).
Hapalia (?) *interruptalis*, Moore, Lep. Ceyl. iii, p. 339, (1886).

Ceylon.

4061. Botys itemalesalis.

Botys itemalesalis, Walker, Cat. Lep. Het. B.M. xix, p. 996, (1859).

Collection Swinhoe, Sikkim.
Also recorded from China.

4062. Botys jucundalis.

Botys jucundalis, Leder., Wien. Ent. Monat. vii, 463, pl. 8, fig. 17, (1863).
——— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

India.

4063. Botys lentalis.

Botys lentalis, Felder & R. Reise, Novara Lep., pl. 135, fig. 44, (1874).

Bengal.

4064. Botys maccalis.

Botys maccalis, Leder., Wien. Ent. Monat. vii, 466, pl. 9, fig. 14, (1863).
———— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4065. Botys (?) megalopsalis.

Botys (?) megalopsalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1428, (1865).

Collection Swinhoe, Sikkim, Andaman Islands.
Also recorded from Malacca.

4066. Botys myrinalis.

Botys myrinalis, Walker, Cat. Lep. Het. B.M. xviii, p. 673, (1859).
Hapalia (?) myrinalis, Moore, Lep. Ceyl. iii, p. 340, (1886).

Ceylon.

4067. Botys nephealis.

Botys nephealis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).
Hapalia (?) nephealis, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4068. Botys nubilalis.

Botys nubilalis, Hübn., Eur. Schm., fig. 94.*
———— Warren, Proc. Zool. Soc. Lond., 1888, p. 335.
Botys lupulinalis, Guen., Delt. et Pyral., p. 331, (1854).

Kala Pani (Punjab).

4069. Botys ochrealis.

Pyralis ochrealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.

Collection Swinhoe, Sikkim.
Also recorded from the Andaman Islands.

4070. Botys patulalis.

Botys patulalis, Walker, Cat. Lep. Het. B. M. xxxiv, 1405, (1865).
————, Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

4071. Botys pauciferalis.

Botys pauciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1413, (1865).

South India.

4072. Botys paupellalis.

Botys paupellalis, Leder., Wien. Ent. Monat. vii, p. 469, pl. 10, fig. 6, (1863).
————, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

India.

4073. Botys pharisalis.

Botys pharisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 726, (1859).
———————, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 873.

Collection Swinhoe, Poona.
Also recorded from Australia.

4074. Botys plagalis.

Botys plagalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 96.

Sikkim.

4075. Botys strenualis.

Botys strenualis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1409, (1865).
Scopula strenualis, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 417.

South India, Mhow.

4076. Botys subliturалis.

Botys subliturалis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1452, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond., (1885), p. 873.

Collection Swinhoe, Bombay, Karachi.

4077. Botys subtessellalis.

Botys subtessellalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1406, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sikkim.

4078. Botys thoasalis.

Botys thoasalis, Walker, Cat. Lep. Het. B. M. xviii, p. 692, (1859).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim.

4079. Botys tullalis.

Botys tullalis, Walker, Cat. Lep. Het. B. M., xviii, p. 649, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sibsagar (Peal).
Collection Swinhoe, Darjiling, Maulmein, Rangoon.

4080. Botys unitalis.

Botys unitalis, Guén., Delt. et Pyral., p. 349, No. 411, (1854).
——————— Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1878, p. 850.

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim, Poona.
Also recorded from Sylhet and Tenasserim.

4081. Botys vitellinalis.

Botys vitellinalis, Kollar, Hüg. Kaschm., p. 492, (1848).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).
Botys extinctalis, Led., Wien. Ent. Monat. vii, 467, pl. 9, fig. 18, (1863).
Kashmir.

Genus **Hapalia.**

4082. Hapalia ablactalis.

Botys ablactalis, Walker, Cat. Lep. Het. B. M. xviii, p. 660, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.
Hapalia ablactalis, Moore, Lep. Ceyl. iii, p. 339, (1886).
Collection Swinhoe, Sikkim, Poona, Nilgiri Hills, Rangoon.
Also recorded from Ceylon.

4083. Hapalia admensalis.

Botys admensalis, Walker, Cat. Lep. Het. B. M. xviii, p. 652, (1859).
Hapalia admensalis, Moore, Lep. Ceyl. iii, p. 339, (1886).
Ceylon.

4084. Hapalia bambusalis.

Hapalia bambusalis, Moore, Descr. Ind. Lep. Atk. iii, p. 222, (1887).
Collection Swinhoe, Sikkim.
Allied to *H. zealis*.

4085. Hapalia concolor.

Hapalia concolor, Moore, Lep. Ceyl. iii, p. 339, pl. 181, fig. 3, (1886).
Ceylon.

4086. Hapalia deductalis.

Botys deductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859).
Hapalia deductalis, Moore, Lep. Ceyl. iii, p. 338, (1886).
Ceylon.

4087. Hapalia denticulosa.

Hapalia (?) *denticulosa*, Moore, Lep. Ceyl. iii, p. 337, pl. 183, fig. 8, (1886).
Ceylon.

4088. Hapalia dialis.

Botys dialis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859).
Hapalia (?) *dialis*, Moore, Lep. Ceyl. iii, p. 340, (1886).
Ceylon.

4089. Hapalia dorsivittata.

Hapalia dorsivittata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 18, (1887).
Darjiling.

4090. HAPALIA FASCIATA.

Hapalia fasciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 20, (1887).

Darjiling.

4091. HAPALIA FLAVALIS.

Phalæna flavalis, Schiff, Wien. Verz. 121, 7.*
———— Fabr., Mant. Ins. ii, p. 221, No. 303, (1787).
———— Ent. Syst. iii, 2, p. 233, No. 393, (1794).
———— Hübner, Pyral., pl. 11, fig. 69.*
Phalæna (Pyralis) flavalis, Gmel., Ed. Syst. Nat. i, 5, 2524, 941.*
Hapalia flavalis, Hübner, Verz. Bek. Schmett. p. 355, No. 3395, (1816).
Botys lutealis, Dup., Lep. viii, 331, pl. 233, fig. 1.*
Botys lutealis, Podv, Herrich Schäff. Eur. Schmett. iv, 28.*
Margaritia flavalis, Steph., Ill. Brit, Haust. iv, 52.*
Lithosia lutea, Schäff., Icon., pl. 240, figs. 7, 8.*
Botys flavalis, Treit., Schmett. vii, 99, 15.*
———— Dup. Lep. viii, 127, pl. 217, figs. 7, 8.*
———— Herr. Schäff., Eur. Schmett. iv. 28, 77.*
———— Guen., Delt. et Pyral. p. 334, No. 375, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 555, (1859).
———— Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).

I. M., Yarkand (2nd Mission).
Collection Swinhoe, Kulu.
Also recorded from Europe.

4092. HAPALIA FLAVOFASCIATA.

Hapalia flavofusciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 19, (1887).

Darjiling.
Allied to *H. dorsivitta*.

4093. HYPALIA FRATERNA.

Hapalia fraterna, Moore, Lep. Ceyl. iii, p. 338, pl. 183, fig. 9, (1886).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4094. HAPALIA INDISTANS.

Hapalia indistans, Moore, Descr. Ind. Lep. Atk., p. 223, (1887).

Collection Swinhoe, Sikkim.

4095. HAPALIA IOPASALIS.

Botys iopasalis, Walker, Cat. Lep. Het. B. M. x viii, p. 652, ♂, (1859); xix, p. 993, (1859).
———— Butler, Ann. Mag. Nat. Hist, (5) v, p. 226, (1880).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.
Botys jopasalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 550.
Hapalia jopasalis, Moore, Lep. Ceyl. iii, p. 337, pl. 182, fig. 14, (1886).
Botys boteralis, Walker, *loc. cit.*, p. 716, (1859); and xix, p. 994, (1859).

I. M. Sibsagar (Peal).
Collection Swinhoe, Karachi, Rangoon, Bombay.
Also recorded from Ceylon and Borneo.

4096. Hapalia janapalis.

Botys janapalis, Walker. Cat. Lep. Het. B. M. xviii, p. 676, (1859).
Hapalia (?) janapalis, Moore, Lep. Ceyl. iii, p. 342, (1886).
Ceylon.

4097. Hapalia kasmirica.

Hapalia kasmirica, Moore, Descr. Ind. Lep. Atk., p. 222, pl, 7, fig. 28, (1887).
Kashmir.

4098. Hapalia marginalis.

Hapalia marginalis, Moore, Lep. Ceyl. iii, p. 338, pl. 182, fig. 13, (1886).
Collection Swinhoe, Khandalla.
Also recorded from Ceylon.

4099. Hapalia nigrescens.

Hapalia nigrescens, Moore, Descr. Ind. Lep. Atk. iii, p. 221, (1887).
Collection Swinhoe, Sikkim.

4100. Hapalia oblita.

Hapalia oblita, Moore, Descr. Ind. Lep. Atk., p. 222, (1887).
Darjiling.

4101. Hapalia plagiatalis.

Botys plagiatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).
———— Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 873.
Hapalia (?) *plagiatalis*, Moore, Lep. Ceyl. iii, p. 337, (1886).
Collection Swinhoe, Poona, Burma, Nilgiri Hills, Rangoon.
Also recorded from Ceylon.

4102. Hapalia robusta.

Hapalia robusta, Moore, Descr. Ind. Lep. Atk., p. 222, pl. 7, fig. 27, (1887).
Darjiling.

4103. Hapalia signatalis.

Botys signatalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1444, (1865).
———— Butler, Proc. Zool. Soc. Lond., 1883, p. 168.
Collection Swinhoe, Solun.
Also recorded from Java.
Allied to *H. plagiatalis*.

4104. Hapalia thaisalis.

Botys thaisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859).
Hapalia (?) thaisalis, Moore, Lep. Ceyl. iii, p. 340, (1886).
Ceylon.

4105. Hapalia ultimalis.

Botys ultimalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859).
Hapalia ultimalis, Moore, Lep. Ceyl. iii, p. 339, (1886).

Ceylon.

4106. Hapalia zealis.

Botys zealis, Guén., Delt. et Pyral, p. 332, 367, (1854).
———— Walker, Cat. Lep. Het. B. M., xviii, p. 656, (1859).
———— Leder, Wien. Ent. Monat., vii, p. 372, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1876, p. 97.

Sylhet.

Genus **Omphisa.**

4107. Omphisa illisalis.

Botys illisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 653, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619.
———— Leder., Wien. Ent. Monat. vii, p. 371, pl. 9, fig. 12, (1863).
Omphisa illisalis, Moore, Lep. Ceyl. iii, p. 318, pl. 183, fig. 4, (1886).

I. M., Cherrapunji, Sikkim (purchased).
Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.
Also recorded from Ceylon and the Andaman Islands.

Genus **Marasmia.**

4108. Marasmia ruralis.

Botys ruralis, Walker, Cat. Lep. Het. B. M. xviii, p. 666, (1859); and xix, p. 994, (1859).
Marasmia ruralis, Moore, Lep. Ceyl. iii, p. 283, (1885).
Marasmia cicatricosa, Leder., Wien. Ent. Monat. vii, p. 386, pl. 12, fig. 8, ♂, (1863).

I. M., Mergui (Anderson).
Also recorded from Ceylon, Java, and Borneo.

Genus **Pleonectusa.**

4109. Pleonectusa adhæsalis.

Botys adhæsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 664, ♀, (1859).
Botys damasalis, Walker, *loc. cit.*, p. 668, (1859).
Pleonectusa adhæsalis, Moore, Lep. Ceyl. iii, p. 287, pl. 180, fig. 14, (1885).

Ceylon, China.

4110. Pleonectusa admixtalis.

Botys admixtalis, Walker, Cat. Lep. Het. B.M. xviii, p. 665, (1859).
Pleonectusa admixtalis, Leder., Wien. Ent. Monat. vii, 481, (1863).
———— Walker, *loc. cit.*, xxxiv, p. 1480, (1865).
———— Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 13, (1885).
Botys panæusalis, Walker, *loc. cit.* xix, p. 998, (1859).
Pleonectusa tabidalis, Leder., *loc. cit.*, vii, p. 426, (1863).

Ceylon.

Genus Bacotoma.

4111. Bacotoma abjungalis.

Botys abjungalis, Walker, Cat. Lep. Het. B.M. xviii, p. 670, (1859).
Botys abjunctalis (sic), Leder., Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 11, (1863).
Bacotoma abjungalis, Moore, Lep. Ceyl. iii, p. 382, pl. 180, fig. 8, (1886).

Collection Swinhoe, Ceylon.

Genus Acharana.

4112. Acharana otreusalis.

Botys otreusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 637, (1859).
Acharana otreusalis, Moore, Lep. Ceyl. iii, p. 285, pl. 180, fig. 11, (1885).
Botys triarialis, Walker, *loc. cit.*, xviii, p. 639, (1859).
Botys neloalis, Walker, *loc. cit.*, xviii, p. 643, (1859).
Botys abstrusalis, Walker, *loc. cit.* xviii, p. 663, (1859).
——————— Moore, Proc Zool. Soc. Lond. 1877, p. 620.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 873; & 1886, p. 460.
Botys pharaxalis, Walker, *loc. cit.*, xviii, p. 725, (1859).
Botys immundalis, Walker, *loc. cit.*, xxxiv, p. 1448, (1865).
Botys phæopteralis, Meyrick (*nec* Guén.), Trans. Ent. Soc. Lond. 1884, p. 321.

I. M., Chitral (Giles), Calcutta, Karachi (Swinhoe).
Mergui (Anderson), Ceylon (Colombo Museum).
Andaman Islands (de Roepstorff).
Collection Swinhoe, Ceylon, Mhow, Karachi, Poona, Bombay, Solun, Mirzapore, Sikkim, Mahableshwar, Nilgiri Hills, Andaman Islands, Calcutta, Rangoon.
Also recorded from Africa, Mauritius, Australia, and Java.

4113. Acharana præteritalis.

Botys præteritalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1405, (1865).
Acharana præteritalis, Moore, Lep. Ceyl. iii, p. 285, (1885).

Ceylon.

4114. Acharana similis.

Acharana similis, Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 12, (1885).

Collection Swinhoe, Rangoon.
Also recorded from Ceylon.

Genus Analtes.

4115. Analtes disjunctalis.

Botys disjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv. p. 1408, (1865).
Analtes disjunctalis, Moore, Lep. Ceyl. iii, p. 319, (1886).

South India, Ceylon.

4116. Analtes idyalis.

Botys idyalis, Walker, Cat. Lep. Het. B. M. xix, p. 996, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.
Analtes idyalis, Moore, Lep. Ceyl. iii, p. 319, pl. 183, fig. 5, (1886).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Cnaphalocrocis.**

4117. Cnaphalocrocis bifurcalis.

Cnaphalocrocis bifurcalis, Snellen, Tijd. Ent. xxiii, p. 219, (1880).
Celebes, India.

4118. Cnaphalocrocis medinalis.

Salbia medinalis, Guén., Delt. et Pyral., p. 201, ♀, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p 361, (1859).
Cnaphalocrocis medinalis, Moore, Lep. Ceyl. iii, p. 281, (1885).
Botys rutilalis, Walker, *loc. cit.* xviii, p. 665, (1859); and xxxiv, p. 1480, (1865).
Botys iolealis, Walker, *loc. cit.*, xviii, p. 666, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
Cnaphalocrocis iolealis, Walker, *loc. cit.*, xxxiv, p. 1480, (1865).
Cnaphalocrocis jolinalis (sic), Leder., Wien. Ent. Monat. vii, p. 385, pl. 12, fig. 7, (1863).
———— Snellen, Tijd. Voor. Ent. xxvi, 1883, p. 135.
Botys acerrimalis, Walker, *loc. cit.*, xxxiv, p. 1449, (1865).
Collection Swinhoe, Bombay, Khandalla, Sikkim, Khasi Hills, Poona, Alibagh, Rangoon.
Also recorded from Ceylon, Borneo, and China.

Genus **Dolichosticha.**

4119. Dolichosticha venilialis.

Asopia venilialis, Walker, Cat. Lep. Het. B. M. xvii, p. 373, (1859).
Dolichosticha venilialis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 305.
———— Moore, Lep. Ceyl. iii, p. 282, (1885).
Botys marisalis, Walker, *loc. cit.*, xviii, p. 717, (1859).
Ceylon, Australia, Borneo.

Genus **Ravanoa.**

4120. Ravanoa bilineolalis.

Zebronia bilineolalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1350, (1865).
Ravanoa bilineolalis, Moore, Lep. Ceyl. iii, p. 284, pl. 180, fig. 9, (1885).
Ceylon.

4121. Ravanoa creonalis.

Botys creonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 579, (1859).
Botys convectalis, Walker, *loc. cit.*, xxxiv, p. 1411, (1865).
Ravanoa creonalis, Moore, Lep. Ceyl. iii, p. 284, pl. 180, fig. 10, (1885).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

RAVANOA CREONALIS—*continued.*

Botys neoclesalis, Walker, *loc. cit.*, xviii, p. 635, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.
Botys suspicalis, Walker, *loc. cit.*, xviii, p. 667, (1859).

I. M., Kulu (Young).
Collection Swinhoe, Sikkim, Mhow, Karachi, Nilgiri Hills.
Also recorded from Ceylon and South Africa.

Genus **Circobotys.**

4122. CIRCOBOTYS OCTOGUTTALIS.

Botys octoguttalis, Felder & R. Reise. Novara, Lep. iv, pl. 135, fig. 38, ♂, (1874).
Circobotys octoguttalis, Moore, Lep. Ceyl. iii, p. 343, pl. 182, fig. 11, (1886).

I. M., Sibsagar.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4123. CIRCOBOTYS LIMBATA.

Circobotys limbata, Moore, Descr. Ind. Lep. Atk., p. 220, pl. 7, fig. 24, (1887).

Darjiling.

Genus **Cadarena.**

4124. CADARENA SINUATA.

Phalæna sinuata, Fabr., Spec. Ins. ii, p. 267, No. 153, (1781).
——————— Ent. Syst. iii, 2, p. 208, No. 295, (1794).
Cadarena sinuata, Moore, Lep. Ceyl. iii, p. 336, pl. 183, figs. 2, 2*a*, (1886).
Phalæna (Geometra) marginata, Cram., Pap. Exot. iv, pl. 400, fig. I, (1782).
Botys marginata, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 1, (1821).
Botys marginalis, Guén., Delt. et Pyral., p. 343, 394, (1854).
——————— Walker, Cat. Lep. Het. B. M. xviii, p. 633, (1859).

Ceylon.
Also recorded from Africa.

Genus **Pitacanda.**

4125. PITACANDA SPILOSOMOIDES.

Pitacanda spilosomoides, Moore, Lep. Ceyl. iii, p. 334, pl. 183, fig. 10, (1886).

Collection Swinhoe, Khandalla.
Also recorded from Ceylon.

Genus **Dodanga.**

4126. DODANGA LOBIPENNIS.

Dodanga lobipennis, Moore, Lep. Ceyl. iii, p. 332, pl. 182, fig. 3, (1886).

Ceylon.

Genus **Condega.**

4127. CONDEGA OBSCURATA.

Condega obscurata, Moore, Lep. Ceyl. iii, p. 345, pl. 183, fig. 12, (1886).
Ceylon.

Genus **Nosophora.**

4128. NOSOPHORA QUADRISIGNATA.

Nosophora quadrisignata, Moore, Lep. Ceyl. iii, p. 320, pl. 183, fig. 6, (1886).
I. M., Andaman Islands (purchased).
Also recorded from Ceylon.

Genus **Ebulea.**

4129. EBULEA BAMBUCIVORA.

Ebulea bambucivora, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).
Calcutta.

4130. EBULEA CAMILLALIS.

Ebulea (?) camillalis, Walker, Cat. Lep. Het. B. M. xviii, p. 749, (1859).
———— Moore, Lep. Ceyl. iii, p. 346, (1886).
Ceylon.

4131. EBULEA CATALAUNALIS.

Botys catalaunalis Duponchel, Lep. France. viii, p. 330, pl. 232, fig. 8,(1)*.
———— Herrich-Schaff, Eur. Schmett. iv, p. 25, 64, figs. 56, 57.*
Ebulea catalaunalis, Guen., Delt. et Pyral. p. 361, No. 437, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 743, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 874; and 1886, p. 460.
Antigastra catalaunalis, Walker, *loc. cit.*, xxxiv, p. 1483, (1865).
———— Felder, & R. Reise, Novara, Lep. iv, pl. 135, fig. 12, (1874).
Botys venosalis, Walker, *loc. cit.*, xxxiv, p. 1401, (1865).
Margaritia cilialis, (var). Steph., Cat. Brit. Lep. 239, (1850)*.

I. M., Poona and Karachi (Swinhoe).
Collection Swinhoe, Mhow, Poona, Khandalla, Bombay, Karachi.
Also recorded from Europe and Africa.

4132. EBULEA CELATALIS.

Botys celatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 657, (1859).
Ebulea celatalis, Moore, Lep. Ceyl. 345, (1886).
Ceylon.

4133. EBULEA DICHROMA.

Ebulea dichroma, Moore, Descr. Ind. Lep. Atk., p. 223, (1887).
Darjiling.

4134. Ebulea europsalis.

Ebulea europsalis, Walker, Cat. Lep. Het. B. M., xviii, p. 749, (1859).
North India.

4135. Ebulia fimbriata.

Ebulia fimbriata, Moore, Lep. Ceyl. iii, p. 346, (1886).
Ceylon.

4136. Ebulea obliquata.

Ebulea obliquata, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).
Calcutta.

Genus **Rehimena.**

4137. Rehimena inscisalis.

Botys inscisalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1410, (1865).
Botys incisalis (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
Rehimena incisalis (sic), Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 1, (1885).
I. M., Sikkim (Barnes, also purchased).
Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

4138. Rehimena phrynealis.

Botys phrynealis, Walker, Cat. Lep. Het. B. M. xviii, p. 630, (1859).
Rehimena phrynealis, Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 5, (1885).
Rehimena dichromalis, Walker, *loc. cit.* xxxiv, p. 1492, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 872.
Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Rangoon.
Also recorded from Ceylon.

4139. Rehimena (?) phycidalis.

Botys phycidalis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859).
Rehimena (?) phycidalis, Moore, Lep. Ceyl. iii, p. 291, (1885).
Ceylon.

4140. Rehimena subjunctalis.

Botys subjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865).
Rehimena subjunctalis, Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 6, (1885).
Ceylon.

Genus **Mecyna.**

4141. Mecyna deprivalis.

Mecyna deprivalis, Walker, Cat. Lep. Het. B. M. xix, p. 806, (1859).
——————— Moore, Lep. Ceyl. iii, 352, pl. 179, figs. 1, 1*a*, (1886).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4142. MECYNA RUSTICALIS.

Pyralis rusticalis, Hübner, Pyral. 26, 3, pl. 18, fig. 121.*
Uresiphita rusticala, Hübner, Verz. bek. Schmett., p. 353, No. 3372, (1816).
Mecyna rusticalis, Guén., Delt. et Pyral., p. 411, No. 536, (1854).
———————— Walker, Cat. Lep. Het. B. M. xix, p. 805, (1859).
———————— Butler, Proc. Zool. Soc. Lond. 1886, p. 384.
Pyralis limbalis, Wien., Verz. 122, 20.*
———————— Ill. N. Ausg. Dess. ii, 21, 20.*
Botys limbalis, Treit. Schmett. vii, 111, 23.*
———————— Fisch, Rösel. Schm. 130.*
———————— Herr Schäffer, Eur. Schmett. iv, 32, 93.*

Europe, Punjab.

Genus **Dysallacta.**

4143. DYSALLACTA NEGATALIS.

Phalangiodes (?) negatalis, Walker, Cat. Lep. Het. B. M. xvii, p. 468, (1859).
Dysallacta negatalis, Leder, Wien. Ent. Monat. vii, p. 393, pl. 13, fig. 6, (1863).
———————— Walker, *loc. cit.* xxxiv, p. 1479, (1865).
———————— Moore, Proc. Zool. Soc. Lond., 1867, p. 97.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
———————— Moore, Lep. Ceyl. iii, p. 353, (1886).
Botys monesusalis, Walker, *loc. cit.* xviii, p. 653, (1859).
Dysallacta monesusalis, Walker, *loc. cit.* xxxiv, p. 1479, (1865).
Botys phanasalis, Walker, *loc. cit.* xviii, p. 727, (1859).
Dysallacta phanasalis, Walker, *loc. cit.* xxxiv, p. 1479, (1865).

I. M., Kulu (Young), Cherrapunji.
Collection Swinhoe, Solun, Bombay, Mahableshwar, Poona.
Also recorded from Sikkim, Ceylon, Australia.

Genus **Spilodes.**

4144. SPILODES MELONALIS.

Botys melonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 702, (1859); and xxxiv, p. 1455, (1865).
Spilodes nitetisalis, Walker, *loc. cit.* xviii, p. 773, (1859); and xxxiv, p, 1455, (1865).

North India, Java, and South Africa.

4145. SPILODES RHODOCRYPTALIS.

Spilodes (?) rhodocryptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1474, (1865).
———————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Poona, Australia.

4146. SPILODES STICTICALIS.

Phalæna (Pyralis) sticticalis, Linn., Syst. Nat. i, 2, p. 883, No. 340, (1767).
———————————— Faun. Suec., 1354.*
———————————— Gmel., ed. Syst. Nat. i, 5, 2524, 340.*
Phalæna sticticalis, Fabr., Ent. Syst. iii, 2, 235, 399, (1794).
Pyralis sticticalis, Gotze, Ent. Beitr. iii, 4, 62, 340.*
Uresiphita sticticalis, Hübn., Verz. Bek. Schm. p. 353, No. 3378, (1816).
Scopula sticticalis, Treit., Schm. vii, 64, 9.*
———————— Dup., Lep. viii, 96, pl. 5, fig. 5.*

SPILODES STICTICALIS—*continued.*

Margaritia sticticalis, Steph., Ill. Brit. Haust. iv, 59. 29.*
Botys sticticalis, Herr. Schaff., Eur. Schm. iv, 34, 102.*
Spilodes sticticalis, Guén., Delt. et Pyral. p. 381, No. 480, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 767, (1859).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
Pyralis fuscatis, Hübn., Pyral. 29, 19, pl. 1, fig. 45.
Pyralis tetragonalis, Haw., Lep. Brit. 385.

Collection Swinhoe, Quetta.
Also recorded from Europe.

Genus **Paliga.**

4147. PALIGA DAMASTESALIS.

Scopula damastesalis, Walker, Cat. Lep. Het. B. M. xix, p. 1013, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 874; and 1886, p. 460.
Paliga damastesalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

I. M., Khandalla and Poona (Swinhoe).
Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Rangoon.
Also recorded from Ceylon.

Genus **Udea.**

4148. UDEA EXIMIALIS.

Scopula eximialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1471, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.
Udea eximialis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4149. UDEA FERRUGALIS.

Pyralis ferrugalis, Hübn., Pyral. 27, 13, pl. 9, fig. 54; and pl. 23, fig. 150.*
———— Haw., Lep. Brit. 382,*
Botys ferrugalis, Treit., Schmett. vii, 94, 11.*
———— Dup., Lep. viii, p. 138, pl. 218, fig. 7.*
Margaritia ferrugalis, Steph., Ill. Brit. Haust. iv, 53, 17, (1828).*
Scopula ferrugalis, Guén., Delt. et Pyral. p. 398, No. 515, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 782, (1859).
———— Butler, Ann. Mag. N. H. (5), ix, p. 211, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.

Europe, Madeira, Kandahar.

4150. UDEA FOTALIS.

Scopula fotalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875, pl. 57, fig. 9.
Udea fotalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 384.

I. M., Karachi and Cambellpur (Swinhoe).
Collection Swinhoe, Poona, Karachi, Campbellpur.

4151. UDEA HYPATIALIS.

Scopula hypatialis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859).
Udea hypatialis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4152. UDEA MACHÆRALIS.

Scopula machæralis, Walker, Cat. Lep. Het. B. M., xix, p. 1013, (1859).
Udea machæralis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4153. UDEA MANDRONALIS.

Scopula mandronalis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859).
Udea mandronalis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4154. UDEA MARTINALIS.

Scopula (?) martinalis, Walker, Cat. Lep. Het. B. M. xviii, p. 791, (1859).

India.

4155. UDEA NIGRIFASCIALIS.

Scopula (?) nigrifascialis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1472, (1865).

Deccan.

4156. UDEA PALMALIS.

Scopula palmalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, pl. 48, fig. 11.

Collection Swinhoe, Karachi, Hydrabad (Sind).

4157. UDEA PLANGONALIS.

Scopula (?) plangonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 790, (1859).

North India.

4158. UDEA RENALIS.

Udea renalis, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).

Collection Swinhoe, Sikkim, Nilgiri Hills.
Allied to *Udea—ferrugalis* and *Udea hypatialis*.

4159. UDEA(?) SUFFUSALIS.

Scopula (?) suffusalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1471, (1865).
Udea (?) suffusalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

Ceylon.

4160. Udea vinctalis.

Scopula vinctalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1476, (1865).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 384.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 335.

Collection Swinhoe, Subathu, Campbellpur, Mhow, Karachi, Aden.
Also recorded from Australia.

Genus **Lotanga.**

4161. Lotanga deciusalis.

Botys deciusalis, Walker, Cat. Lep. Het. B. M., xviii, p. 696, (1859), and p. 994.
Lotanga deciusalis, Moore, Lep. Ceyl. iii, p. 344, (1886).

Ceylon, Borneo.

4162. Lotanga milvinalis.

Deba milvinalis, Swinhoe, Proc. Zool Soc. Lond., 1885, p. 875, pl. 57, fig. 2.
Lotanga milvinalis, Moore, Lep. Ceyl. iii, p. 344, pl. 183, fig. 11, (1886).

Collection Swinhoe, Bombay, Poona, Rangoon, Calcutta.
Also recorded from Ceylon.

Genus **Chobera.**

4163. Chobera pallida.

Chobera pallida, Moore, Descr. Ind. Lep. Atk., p. 220, (1887).

Calcutta.

Genus **Phycidicera.**

4164. Phycidicera surrectalis.

Deba surrectalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1495, ♂, (1865).
———— Moore, Lep. Ceyl. iii., p. 344, (1886).
Phycidicera salebrialis, Snellen, Tijd voor Ent., 1880, p. 228, and 1884, p. 37, pl. 3, fig. 6 ♂.

Ceylon, Celebes.

Genus **Pachynoa.**

4165. Pachynoa megapteralis.

Botys megapteralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1407, (1865).

Collection Swinhoe, Darjiling.

4166. Pachynoa opalinalis.

Botys opalinalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

Andaman Islands.

4167. Pachynoa pectinicornalis.

Botys pectinicornalis, Guén., Delt. et Pyral., p. 326, No. 351, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 647, (1859).
Pachynoa pectinicornalis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay, Poona.

4168. Pachynoa sabelialis.

Botys sabelialis, Guén., Delt. et Pyral., p. 326, No. 352, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).
Pachynoa sabelialis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).

India.

4169. Pachynoa sellalis.

Botys sellalis, Guén. (*nec* Walker), Delt. et Pyral. 330, 363, (1854).
Pachynoa sellalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1481, (1865).

Ceylon, Sylhet, Punjab, Nepal.

4170. Pachynoa thoosalis.

Botys thoosalis, Walker, Cat. Lep. Het. B. M. xviii, p. 737, (1859).
Pachynoa thoosalis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
Botys thoosalis, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1877, p. 619, pl. 60, fig. 16.

Collection Swinhoe, Darjiling.
Also recorded from Ceram, Amboina, and Andaman Islands.

Genus **Pionea.**

4171. Pionea brevialis.

Pionea brevialis, Walker, Cat. Lep. Het. B. M. xviii, p. 759, (1859).
———————— Moore, Lep. Ceyl. iii, p. 347, (1886).

Ceylon.

4172. Pionea forficalis.

Phalæna (*Pyralis*) *forficalis*, Linn., Syst. Nat. i, 2, p. 882, No. 334, (1767).
———————— Faun. Suec. p. 351, No. 1352, (1761).
———————— Gmel. ed. Syst. Nat. i, 5, 2521, 334.*
Phalæna forficalis, Fabr., Sp. Ins. ii, p. 272, No. 177, (1781).
———————— Mant. Ins. ii, p. 217, No. 276, (1787).
———————— Ent. Syst. iii, 2, p. 223, No. 353 (1794).
Crambus forficatus, Fabr., Ent. Syst. Suppl. 467, 20.
Pyralis forficalis, Wien., Verz. 122, 17.*
———————— Fuessel, Schmt. Ins. 82, 813.*
———————— Lang., Verz. ii, 211, 1433.*
———————— Götze, Ent. Beyte. iii, 4, 57, 334.*
———————— Müll., Faun. Frid. 54, 484.*
———————— Zool., Dan. Prodr. 133, 1535.*
———————— Brahm., Ins. Kal. ii, 1, 325, 210.*
———————— Ill. N. Ausg. Dess. ii, 19, 17.*
———————— Hübn., Pyral. 28, 17, pl. 9, fig. 58.*
———————— Haw., Lep. Brit. 377.*

PIONEA FORFICALIS—*continued.*

Botys forficalis, Treit., Schm. vii, 122, 33.*
———— Dup., Lep. viii, 147, pl. 219, fig. 6.*
———— Herr. Schäff., Ent. Schm. iv, 36, 111.*
Mesographe forficalis, Hübn., Verz. bek. Schm. p. 354, No. 3388, (1816).
———— Steph., Ill. Brit. Haust. iv, 45, 1, (1828).*
Pionea forficalis, Guén., Delt. et Pyral, p. 369, No. 455, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 753, (1859).

I. M., Kulu, (Young).
Collection Swinhoe, Sikkim.
Also recorded from Europe.

4173. PIONEA NOBILIS.

Pionea nobilis, Moore, Descr. Ind. Lep. Atk. p. 224, pl. 7, fig. 29, (1887).
Darjiling.

Genus **Nymphula.**

4174. NYMPHULA DEPUNCTALIS.

Hydrocampa depunctalis, Guén, Delt. et Pyral., p. 274, No. 265, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.
Nymphula depunctalis, Moore, Lep. Ceyl. iii, p. 305, (1886).
Zebronia (?) decussalis, Walker, *loc. cit.*, xvii, p. 481, (1859).
Collection Swinhoe, Bombay, Alibagh, Rangoon.
Also recorded from Ceylon.

4175. NYMPHULA INTERPUNCTALIS.

Pyralis interpunctalis, Hübn., Pyral ii, 11, pl. 19, fig. 128.*
Pyralis nudalis, Hübn., Pyral, pl. 14, fig. 90.*
Euclita nudalis, Hübn., Verz. bek. Schm., p. 347, No. 3319, (1816).
Euclita interpunctalis, Hübn., Verz. bek. Schm. p. 347, No. 3320, (1816).
Nymphula nudalis, Dup., Lep. viii, 340, pl. 233, fig. 4.*
Nymphula interpunctalis, Treit., Schm. vii, 128, 2.*
———— Dup., Lep. viii, 162, pl. 221, fig. 2.*
———— Guén., Delt. et Pyral., p. 403, No. 523, (1854).
———— Walker, Cat. Lep. Het. B. M. xix, p. 801, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Larkana (Sind).
Also recorded from Europe.

Genus **Godara.**

4176. GODARA COMALIS.

Pionea comalis, Guén, Delt. et Pyral., p. 368, No. 453, (1854).
Godara comalis, Walker, Cat. Lep. Het. B. M. xix, p. 809, (1859).
———— Butler, Ann. Mag. Nat. Hist. 1880. (5), Vol. 5, p. 226.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525. and 1885, p. 875.
———— Leder., Pyral Wien. Ent. Monat, vii, p. 383, pl. 12, fig. 6, (1863).
———— Snellen Tijd. voor. Ent., 1883, p. 134.
———— Moore, Lep. Ceyl. iii, p. 348, pl. 179, figs. 2, 2*a*, 2*b*, (1886).

GODARA COMALIS—*continued.*

Pionea incomalis, Guén., Delt. et Pyral., p. 369, No. 454, (1854).
Godara incomalis, Walker, *loc. cit.*, p. 810.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 622; and 1883, p. 168
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Ceylon (Colombo Museum), Karachi (Swinhoe).
Collection Swinhoe, Karachi, Satara, Ceylon, Nilgiri Hills, Rangoon.

FAMILY MARGARONIDÆ.

Genus **Glyphodes.**

4177. GLYPHODES ACTORIONALIS.

Glyphodes actorionalis, Walker, Cat. Lep. Het. B. M. xvii, p. 498, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1877, p. 618.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
——————— Moore, Lep. Ceyl. iii, p. 322, pl. 180, fig. 1, ♂, (1886).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands, Bombay.
Also recorded from Ceylon.

4178. GLYPHODES BICOLOR.

Botys bicolor, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 2, (1821).
Glyphodes bicolor, Moore, Lep. Ceyl. iii, p. 321, (1886).
Eudioptis perspicillalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. (1852), p. 53.*
Glyphodes perspicillalis, Meyrick, Trans. Ent. Soc. Lond. (1884), p. 299.
Glyphodes diurnalis, Guén., Delt. et Pyral., p. 294, 300, pl. 5, fig. 5, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 498, (1859).
——————— Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1855, p. 872.
Glyphodes parvalis, Walker, *loc. cit.*, xxxiv, p. 1355, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

I. M., Sikkim (purchased), Mergui (Anderson).
Collection Swinhoe, Poona Travancore, Calcutta, Andamans, Rangoon.
Also recorded from Australia, Celebes, Java, Ceylon, and South Africa.

4179. GLYPHODES BIVITRALIS.

Glyphodes bivitralis, Guén., Delt. et Pyral., p. 293, No. 298, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).
——————— Moore, Proc. Zool. Soc. Lond., 1878, p. 849.
——————— Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863).
——————— Moore, Lep. Ceyl. iii, p. 322, pl. 180, figs. 2, 2*a*, larva, (1886).

I. M., Sibsagar (Peal), Andaman Islands (purchased), Sikkim (Barakur).
Collection Swinhoe, Bombay, Ceylon, Alibagh, Darjeeling.
Also recorded from Tenasserim.

4180. Glyphodes calidalis.

Glyphodes calidalis, Guén., Delt. et Pyral, p. 294, No. 299, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvii, p. 497, (1859).

Coromandel.

4181. Glyphodes chilka.

Glyphodes chilka, Moore, Descr. Ind. Lep. Atk., p. 216, pl. 7, fig. 9, (1887).

Darjiling.

4182. Glyphodes conclusalis.

Glyphodes conclusalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1354, (1865).
——————— *actorionalis*, Leder. (*nec.* Walker), Wien. Ent. Mon. vii, p. 402, pl. 14, fig. 4, (1863).

Collection Swinhoe, Sikkim, Nilgiri Hills.

4183. Glyphodes fessalis.

Glyphodes fessalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459, pl. 41, fig. 13.

I. M., Andaman Islands (de Roepstorff).
Collection Swinhoe, Mhow, Karachi.

4184. Glyphodes itysalis.

Glyphodes itysalis, Walker, Cat. Lep. Het. B. M., xvii, p. 501, ♂, (1859).
——————— Moore, Lep. Ceyl. iii, p. 323, pl. 180, fig. 4, (1886).

I. M., Bombay and Khandalla (Swinhoe), Sibsagar, Andaman Islands (de Roepstorff), Nicobar Islands (de Niceville).
Collection Swinhoe, Bombay, Khandalla, Ceylon, Andaman Islands.
Also recorded from Borneo.

4185. Glyphodes lacustralis.

Glyphodes lacustralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93, pl. 7, fig. 11.

Bengal.

4186. Glyphodes luciferalis.

Botys luciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1412, (1865).
Glyphodes luciferalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
——————— *lora*, Moore, M. ss., Walker, *loc. cit.* xxxv, p. 1978, (1866).

I. M., Sibsagar (Peal), Sikkim (Barnes), Andaman Islands (purchased), Calcutta.
Collection Swinhoe, Darjiling, Bombay.

4187. Glyphodes marginalis.

Glyphodes marginalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 618, pl. 60, fig. 15.

Andaman Islands.

4188. Glyphodes pyloalis.

Glyphodes pyloalis, Walker, Cat. Lep. Het. B. M. xix, p. 973, (1859).
———— Moore, Lep. Ceyl. iii, p. 321, pl. 180, fig. 3, (1886).

Collection Swinhoe, Ceylon.
Also recorded from China.

4189. Glyphodes stolalis.

Glyphodes stolalis, Guén. Delt. et Pyral, p. 293, No. 296, pl. 3, fig. 11, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).
———— Leder, Pyral., Wien. Ent. Monat. vii, p. 402, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1878, p. 849.
———— Snellen, Tijd. Voor. Ent. p. 143, vol. xxvi, (1883).
———— Moore, Lep. Ceyl. Ent. iii, p. 321, (1886).

I. M., Sibsagar (Peal), Sikkim (purchased).
Also recorded from Ceylon and Celebes.

4190. Glyphodes zelimalis.

Glyphodes Zelimalis, Walker, Cat. Lep. Het. B. M. xvii, p. 502, (1859).
———— Moore, Lep. Ceyl. iii, p. 557, pl. 215, fig. 6, (1887).

Ceylon, Borneo.

Genus **Polythlipta.**

4191. Polythlipta cerealis.

Polythlipta cerealis, Leder., Wien. Ent. Monat. vii, 477, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).

India.

4192. Polythlipta distorta.

Polythlipta distorta, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 25, (1887).

Darjiling.
Allied to *P. vagalis*.

4193. Polythlipta divaricata.

Polythlipta divaricata, Moore, Lep. Ceyl. iii, p. 311, pl. 179, fig. 16, ♀, 16*a* larva, (1886).

Collection Swinhoe, Ceylon.

4194. Polythlipta maceratalis.

Polythlipta maceratalis, Leder., Wien. Ent. Monat. vii, p. 477, pl. 12' fig. 14, ♂, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).
Polythlipta macralis (sic), Moore, Lep. Ceyl. iii, p. 310, (1886).

Ceylon.

4195. Polythlipta peragrata.

Polythlipta peragrata, Moore, Descr. Ind. Lep. Atk. p. 216, pl. 7, fig. 15, (1887).

Darjiling.
Allied to *P. vagalis*.

4196. Polythlipta vagalis.

Glyphodes vagalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

I. M., Kulu (Young).
Collection Swinhoe, Solun, Darjiling.

Genus **Phakellura.**

4197. Phakellura indica.

Eudioptes indica, Saunders, Trans. Ent. Soc. Lond., p. 1851, p. 163, pl. 12, figs. 5, 6, 7.
———— Moore, Lep. Ceyl. iii, p. 324, (1886).
Phakellura indica, Walker, Cat. Lep. Het. B. M. xviii, p. 514, (1859).
———— Snellen, Tijd Voor. Ent. xxvi, p. 141, (1883).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, 1885, p. 870 and 1886.
———— *indicalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.
———— *gazorialis*, Guén. Delt. et Pyral, p. 297, No. 304, (1854).
————Leder, Wien. Ent. Monat. vii, p. 400, (1863).
————Semper, Verh. Zool. Bot. Ges. 1867, p. 702.
Phacellura indica (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 297.

I. M., Karachi [Swinhoe], Ranchi [Irvine], Sikkim, Calcutta.
Collection Swinhoe, Umballa, Nilgiri Hills, Mhow, Karachi, Poona, Bombay, Ceylon, Andaman Islands, Rangoon.
Also recorded from Africa, China, Australia, Celebes, Java, Formosa.

4198. Phakellura superalis.

Phakellura superalis, Guén., Delt. et Pyral, p. 299 No. 310, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 515, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Sylhet.

4199. Phakellura translucidalis.

Phakellura translucidalis, Guén., Delt. et Pyral., p. 299, No. 309, (1854).
———— Walker, Cat. Lep Het. B. M. xviii, p. 515, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Sylhet.

Genus **Cydalima.**

4200. CYDALIMA CONCHYLALIS.

Margarodes conchylalis, Guén., Delt. et Pyral., p. 303, No. 317, pl. 8, fig. 9, (1854).
Margaronia conchylalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).
Cydalima conchylalis, Leder., Wien. Ent. Monat. vii, p. 397, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1369, (1865).
——————— Moore, Proc Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
——————— Moore, Lep. Ceyl. iii, p. 326, (1886).

I. M., Khasi Hills, Sibsagar, Dansiri.
Collection Swinhoe, Bhuj, Poona, Bombay, Sikkim.
Also recorded from Ceylon.

4201. CYDALIMA LATICOSTALIS.

Margarodes laticostalis, Guén., Delt. et Pyral., p. 303, No. 315, ♀, (1854).
Margaronia laticostalis, Walker, Cat. Lep. Het. B. M. xviii, 528, (1859).
Cydalima laticostalis, Walker, *loc. cit.*, xxxiv, p. 1368, (1865).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 93, and 1877, p. 618.
——————— Lep. Ceyl. iii, p. 326, pl. 182, fig. 4, (1886).
Margaronia leodicealis, Walker, *loc. cit.*, xviii, p. 530, ♂, (1859).

I. M., Sibsagar (purchased), Sikkim (Barnes), Buxar, (Moti Ram), Dansiri (purchased), Andaman Islands (de Roepstorff), Sind (Karachi Museum).
Collection Swinhoe, Sikkim, Ceylon, Andaman Islands, Rangoon.

4202. CYDALIMA NITIDICOSTALIS.

Margarodes nitidicostalis, Guén., Delt. et Pyral., 303, No. 316, (1854).
Margaronia nitidicostalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).
Cydalima nitidicostalis, Walker, *loc. cit.*, xxxiv, p. 1369, (1865).

Sylhet.

4203. CYDALIMA SUBMARGINALIS.

Botys submarginalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1414, (1865).
Cydalima submarginalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Sikkim, Sibsagar, Naga Hills, Karachi (Simla).
Collection Swinhoe, Karachi, Bombay, Nilgiri Hills.

Genus **Enchocnemidia.**

4204. ENCHOCNEMIDIA PHRYNEUSALIS.

Margaronia phryneusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, ♂, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
Enchocnemidia phryneusalis, Moore, Lep. Ceyl. iii, p. 328, pl. 182, fig. 12, ♂, (1886).
Margaronia morvusalis, Walker, *loc. cit.*, xviii, p. 533, ♀, (1859).
Margaronia atlitalis, Walker, *loc. cit.*, p. 533, ♀, (1859).

Collection Swinhoe, Sikkim, Bombay.
Also recorded from Borneo and Australia.

Genus **Margaronia**.

4205. MARGARONIA CELSALIS.

Botys celsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 654, (1859).
Margaronia celsalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
——————— Moore, Lep. Ceyl. iii, p. 325, pl. 181, fig. 4, (1886).

I. M., Ranchi (Irvine), Ceylon (Colombo Museum).
Collection Swinhoe, Khasi Hills, Poona, Nilgiri Hills, Rangoon.
Also recorded from Borneo.

4206. MARGARONIA FRATERNA.

Margaronia fraterna, Moore, Descr. Ind. Lep. Atk., p. 217, (1887).

Cherrapunji.
Allied to *M. celsalis*.

4207. MARGARONIA GLAUCULALIS.

Margarodes glauculalis, Guén., Delt. et Pyral., p. 306, No. 325, (1854).
——————— Leder, Pyral. Wien. Ent. Monat. vii, p. 398, (1863).
Margaronia glauculalis, Walker, Cat. Lep. Het. B. M. xviii, p. 532, (1859).
——————— Moore, Lep. Ceyl. iii, p. 325, pl. 181, figs. 2, 2*a*, 1886.
Margaronia vertumnalis, Swinhoe (*nec* Guén.), Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Ceylon (Swinhoe).
Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

4208. MARGARONIA TRANSVISALIS.

Margarodes transvisalis, Guén., Delt. et Pyral. 304, No. 320, (1854).
Margaronia transvisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 525, (1859), and xix, p. 976, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Collection Swinhoe, Solun, Nilgiri Hills.
Also recorded from Mauritius, Africa, and Australia.

Genus **Pachyarches**.

4209. PACHYARCHES AMPHITRITALIS.

Margarodes amphitritalis, Guén., Delt. et Pyral. 307, No. 327, (1854).
Margaroia amphitritalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).
Pachyarches amphitritalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Sylhet.

4210. PACHYARCHES HILARALIS.

Margaronia hilaralis, Walker, Cat. Lep. Het. B. M., xviii, p. 532, (1859).
Pachyarches hilaralis, Moore, Lep. Ceyl. iii, p. 328, (1886).

Collection Swinhoe, Sikkim, Rangoon.
Also recorded from Ceylon.

4211. Pachyarches marthesiusalis.

Margaronia marthesiusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, (1859).
Pachyarches marthesiusalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Sibsagar, Naga Hills, North Khasi Hills, Sikkim, Calcutta, Dansiri.

4212. Pachyarches pomonalis.

Margarodes pomonalis, Guén., Delt. et Pyral., p. 309, No. 334, (1854).
Margaronia pomonalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
Pachyarches pomonalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 94.
——————— Lep. Ceyl. iii, p. 327, pl. 182, fig. 7, ♂, (1886).

Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from China and Ceylon.

4213. Pachyarches psittacalis.

Parotis psittacalis, Hübn., Samml. Exot. Schmett. iii, p. 30, (1825)*.
Margarodes psittacalis, Guén., Delt. et Pyral., p. 308, No. 332, (1854).
Margaronia psittacalis, Walker, Cat. Lep. Het. B. M., xviii, p. 529, (1859).
Pachyarches psittacalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 398, (1863).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.
——————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 296.
——————— Moore, Lep. Ceyl. iii, p. 327, (1886).
Margaronia maliferalis, Walker, *loc. cit.*, xxxiv, p. 1363, ♂, (1865).
——————— Swinhoe, Proc. Zool. Soc., 1885, p. 871.
Pachyarches maliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

I. M., Sikkim (Barnes), Andaman Islands (purchased), Sibsagar (Peal), Calcutta, Dansiri.
Collection Swinhoe, Bombay, Nilgiri Hills, Rangoon, Andaman Isles.
Also recorded from Australia and Celebes.

4214. Pachyarches tibialis.

Pachyarches tibialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Andaman Islands, Calcutta.
Allied to *P. maliferalis*.

4215. Pachyarches vertumnalis.

Margarodes vertumnalis, Guén., Delt. et Pyral., p. 309, No. 333, (1854).
Margaronia vertumnalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859).
Pachyarches vertumnalis, Moore, Proc. Zool. Soc. Lond., 1878, p. 850.

Tenasserim and Central India.

Genus **Sisyrophora.**

4216. SISYROPHORA PFEIFFERÆ.

Sisyrophora pfeifferæ, Leder., Wien. Ent. Monat. vii, p. 399, pl. 13, fig. 13, (1863).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Andaman Isles.
Also recorded from Singapore.

Genus **Hoterodes.**

4217. HOTERODES CINEREALIS.

Hoterodes cinerealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94.
Collection Swinhoe, Darjiling.

Genus **Pygospila.**

4218. PYGOSPILA TYRES.

Phalæna (*pyralis*) *tyres*, Cram., Pap. Exot. iii, pl. 263, fig. *C*, (1779).
Pygospila tyres, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524.
———————— Leder, Pyral. Wien. Ent. Monat. vii, p. 404, (1863).
———————— Moore, Lep. Ceyl. iii, p. 329, (1886).
———————— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.
Phlyctænia thyralis, Hübn., Verz. Bek. Schm. p. 359, No. 3442, (1816).
Pygospila tyresalis, Guén., Delt. et Pyral., p. 312, No. 340, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 537, (1859).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 95.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870; and 1886, p. 459.
Phalæna æstuata (part), Fabr., Syst. Ent., p. 638, No. 98, (1775).
———————— (*nec* Linn.), Ent. Syst. iii, 2, p. 207, No. 290, (1794).
Pygospila costiflexalis, Guén., Delt. et Pyral., p. 313, No. 341, (1854).
Lomotropa costiflexalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 405, pl. 14, fig. 8, ♂, (1863).
Pygospila costiferalis, Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Sikkim (Barnes), Karachi and Bombay (Swinhoe), Ranchi (Irvine), Kulu (Young), Buxar (Moti Ram), Calcutta.
Collection Swinhoe, Karachi, Mhow, Poona, Khandalla, Bombay, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Neurina.**

4219. NEURINA PROCOPIA.

Phalæna (*Pyralis*) *procopia*, Cram., Pap. Exot. iv, 152, pl. 368, fig. *e*, (1782).
Euglyphis procopialis, Hübn., Verz. bek. Schmett. p. 341, No. 3275, (1816).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).
———————— Moore, Proc. Zool. Soc. Lond., 1867, p. 95, and 1878, p. 850.

NEURINA PROCOPIA—*continued.*

Neurina procopialis, Guén., Delt. et Pyral., p. 314, No. 342, (1854).
———*procopia*, Leder., Wien. Ent. Monat. vii, p. 395, (1863).
——————— Moore, Lep. Ceyl. iii, p. 330, pl. 182, fig. 1, (1886).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sylhet, Ceylon.
Also recorded from Java and Amboina.

Genus **Filodes.**

4220. FILODES FULVIDORSALIS.

Pinacia fulvidorsalis, Hübn., Geyer, Zutr. Sammel. Exot. Schmett. 15, 322, fig. 643, 644, (1832).*
Filodes fulvidorsalis, Guén., Delt. et Pyral., p. 317, No. 343 (1854).
——————— Leder., Wien. Ent. Monat. vii, p. 391, pl. 12, fig. 17, (1863).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 95.
Euglyphis fulvidorsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 539, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Filodes fulvidorsalis, Moore, Lep. Ceyl. iii, p. 331, pl. 182, fig. 2♂,2*a* larva.

I. M., Calcutta, Ceylon (Swinhoe).
Collection Swinhoe, Darjiling, Belgaum, Khandalla, Ceylon, Rangoon.
Also recorded from Java, Manilla, and Réunion.

4221. FILODES MIRIFICALIS.

Auxomitia mirificalis, Leder., Wien. Ent. Monat. vii, p. 391, pl. 13, fig. 1, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1370, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.
Filodes mirificalis, Moore, Lep. Ceyl. iii, p. 331, (1886).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Ceylon.

4222. FILODES NIGROLINEALIS.

Filodes nigrolinealis, Moore, Proc. Zool. Soc. Lond., 1867, p. 95.

Bengal.

4223. FILODES OCTOMACULALIS.

Filodes octomaculalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 95.

Darjiling.

4224. FILODES PATRUELIS.

Filodes patruelis, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Calcutta, Cherrapungi.
Allied to *F. fulvidorsalis.*

Genus **Euclasta.**

4225. EUCLASTA DEFAMATALIS.

Ilurgia defamatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 544, (1859).
Euclasta defamatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872, and 1886, p. 459.

Collection Swinhoe, Mhow, Bombay, Alibagh, Nilgiri Hills, Rangoon.
Also recorded from Nepal and Ceylon.

4226. EUCLASTA FILIGERALIS.

Euclasta filigeralis, Leder., Wien. Ent. Monat., vii p. 481, pl. 15, fig. 14, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1368, (1865).

India.

Genus **Noorda.**

4227. NOORDA BLITEALIS.

Noorda blitealis, Walker, Cat. Lep. Het. B. M. xix, p. 979, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
———— Moore, Lep. Ceyl. iii, p. 354, pl. 178, fig. 11, (1886).
Scopula (?) subjectalis, Walker, *loc. cit.*, xxxiv, p. 1472, (1865).

J. M., Bombay (Swinhoe).
Collection Swinhoe, Karachi, Poona, Bombay, Alibagh.
Also recorded from Ceylon.

Genus **Cornifrons.**

4228. CORNIFRONS ULCERATALIS.

Cornifrons ulceratalis, Leder., Wien. Ent. Monat. vii, p. 384,—— (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1491, (1865).

India, Syria.

Genus **Maruca.**

4229. MARUCA TESTULALIS.

Crociphora testulalis (Hübn.), Geyer, Zütr. Samml. Exot. Schmett. iv, 12, 315, figs. 629-30, (1832).*
Stenia testulalis, Guén., Delt. et Pyral., pp. 247, 230, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 420, (1859).
Siriocauta testulalis, Leder., Pyral. Wien. Ent. Monat. vii. p. 424, (1863).
———— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 299.
———— Snellen, Tijd. Voor. Ent., vol. xxvii, p. 39, (1884).
Maruca testulalis, Moore, Lep. Ceyl. iii, p. 298, (1885).
Hydrocampa aquatilis, Boisd., Guér. Men. Icon. Reg. Anim. Ins., pl. 90, fig. 9, (1844).*
Maruca aquatilis, Walker, Cat. Lep. Het. B. M. xviii, p. 540, (1859).
———— Butler, Ann. Mag. Nat. Hist. (5), xviii, p. 198, (1866).

MARUCA TESTULALIS—*continued.*

Maruca aquatilis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.
———— Swinhoe Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Khandalla (Swinhoe), Kulu (Young), Sibsagar, Dansiri, Ceylon (Colombo Museum).
Collection Swinhoe, Khasi Hills, Darjiling, Umballa, Poona, Khandalla, Nilgiri Hills, and Andaman Islands, Rangoon.
Also recorded from S. America, S. Africa, Australia, Celebes and Borneo.

Genus **Pitama.**

4230. PITAMA LATIVITTA.

Pitama lativitta, Moore, Descr. Ind. Lep. Atk., p. 217, pl. 7, fig. 21, (1887).
Darjiling.

Genus **Rhagoba.**

4231. RHAGOBA BIMACULATA.

Rhagoba bimaculata, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).
Darjiling.

Genus **Charema.**

4232. CHAREMA ALBOCILIATA.

Charema albociliata, Moore, Descr. Ind. Lep. Atk., p. 219, (1887).
Calcutta.

4233. CHAREMA CALETORALIS.

Botys caletoralis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4234. CHAREMA IMBECILIS.

Charema imbecilis, Moore, Descr. Ind. Lep. Atk., p. 219, pl. 7, fig. 23, (1887).
Darjiling.
Allied to *C. vinacealis*.

4235. CHAREMA NOCTESCENS.

Charema noctescens, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).
Darjiling.

4236. CHAREMA VINACEALIS.

Botys vinacealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 619, and 1878, p. 850.
Collection Swinhoe, Sibsagar.
Also recorded from Andaman Islands and Tenasserim.
Allied to *C. caletoralis*.

Family ASOPIDÆ.

Genus Chnaura.

4237. Chnaura octavialis.

Syngamia octavialis, Walker, Cat. Lep. Het. B. M. xvii, p. 334, ♂, (1859).
Chnaura octavialis, Leder., Pyral. Wien. Ent. Monat. vii, p. 435, pl. 17 fig. 4, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1323, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
——————— Lep. Ceyl. iii, p. 271, (1885).

I. M., Sibsagar (Peal).

Also recorded from Ceylon and Sumatra.

Genus Sameodes.

4238. Sameodes pipleisalis.

Stenia pipleisalis, Walker, Cat. Lep. Het. B. M., xvii, p. 420, (1859).
Sameodes pipleidalis, Meyrick, Trans. Ent. Soc. 1884, p. 300.
Sameodes pipleisalis, Moore, Lep. Ceyl. iii, p. 307, pl. 181, fig. 14, (1886).
Lepyrodes (?) lepidalis, Walker, *loc. cit*, xvii, p. 465, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.
Samea sidealis, Walker, *loc. cit.*, xix, p. 937, (1859).
Hymenia meridionalis, Walker, *loc. cit.*, xxxiv, p. 1314, (1865).
Sameodes trithyralis, Snellen, Tijd. Voor. Ent. 1880, p. 218, and 1883, p. 134, pl. 8, fig. 4.
Samea vespertinalis, Saalmuller, Ber. Senck. Gesell. 1880, p. 301.*

India, Ceylon, and Australia.

Genus Samea.

4239. Samea abstrusalis.

Ædiodes abstrusalis, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).

Calcutta.
Allied to *S. inscitalis*.

4240. Samea (?) bipunctalis.

Samea (?) bipunctalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 333.

Thundiani (Punjab).

4241. Samea commixta.

Samea commixta, Butler, Ann. Mag. Nat. Hist. Descr. 1879, p. 453.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Solun.
Also recorded from Japan.

4242. Samea continentalis.

Samea continentalis, Guén., Delt. et Pyral, p. 197, No. 139, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).

India.

4243. SAMEA CUPRINALIS.

Samea cuprinalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.

Andaman Islands.

4244. SAMEA GEOGRAPHICALIS.

Samea geographicalis, Guén., Delt. et Pyral., p. 197, No. 138, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).

India.

4245. SAMEA GRACILIS.

Samea (?) gracilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Thundiani (Punjab).

4246. SAMEA GRATIOSALIS.

Samea gratiosalis, Walker, Cat. Lep. Het. B. M., xvii, p. 357, ♂, (1859).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 90.
———— Lep. Ceyl. iii, p. 274, (1885).

Darjiling, Ceylon.

4247. SAMEA INSCITALIS.

Ædiodes inscitalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1297, (1865).
Samea inscitalis, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Travancore, Alibagh, Nilgiri Hills and Andaman Islands, Rangoon.
Allied to *S. ecclesialis*, Guén.

4248. SAMEA PURPURASCENS.

Samea purpurascens, Moore, Proc. Zool. Soc. Lond. 1877, p. 61

I. M., Andaman Islands (purchased).

4249. SAMEA QUINQUIGERA.

Samea quinquigera, Moore, Descr. Ind. Lep. Atk., p. 207, pl. 7, fig. 14, (1887).

Darjiling.

4250. SAMEA RHODOPHILALIS.

Endotricha (?) rhodophilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1311, (1865).
————, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Samea rhodophilalis, Moore, Lep. Ceyl. iii, p. 275, pl. 178, fig. 13, ♀, (1885).
Botys amœnalis, Walker, *loc. cit.*, xxxiv, p. 1445, (1865).
Samea dives, Butler, Proc. Zool. Soc. Lond. 1880, p. 682.

I. M., Dansiri, Sibsagar.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4251. Samea roridalis.

Asopia (?) roridalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859).
Samea roridalis, Moore, Lep. Ceyl. iii, p. 275, (1885).

Ceylon.

4252. Samea yerburii.

Samea yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 383, pl. 35, fig. 6.

Murree.
Allied to *S. magna* of Japan.

Genus **Tamraca.**

4253. Tamraca torridalis.

Asopia torridalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 342, 457, pl. 6, fig. 15, (1863).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1304, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Tamraca torridalis, Moore, Lep. Ceyl. iii, p. 554, pl. 215, figs. 7, 8, ♂, ♀, (1887).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Mabra.**

4254. Mabra eryxalis.

Asopia eryxalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859).
Mabra eryxalis, Moore, Lep. Ceyl. iii, p. 280, pl. 179, fig. 4, 1885.

Ceylon.

4255. Mabra flavofimbriata.

Mabra flavofimbriata, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Calcutta.

Genus **Asopia.**

4256. Asopia limbolalis.

Asopia limbolalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.

Andaman Islands.

4257. Asopia onychinalis.

Asopia onychinalis, Guén., Delt. et Pyral., p. 205, No. 158, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 369, (1859).

Coromandel.

Genus **Desmia.**

4258. Desmia crithealis.

Desmia crithealis, Walker, Cat. Lep. Het. B. M. xvii, p. 344, (1859).

Collection Swinhoe, Simla.
Also recorded from North China.

4259. Desmia (?) luctuosalis.

Hyalitis luctuosalis, Guén., Delt. et Pyral, p. 290, No. 291, (1854).
Desmiae (?) luctuosalis, Walker, Cat. Lep. Het. B. M. xvii, p. 345, (1859).

India.

Genus **Danaga.**

4260. Danaga concisalis.

Desmia concisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 345, (1859).
Danaga concisalis, Moore, Lep. Ceyl. iii, p. 272, pl. 179, fig. 3, ♂, (1885).

Ceylon.

Genus **Hymenia.**

4261. Hymenia perspectalis.

Pyralis perspectalis, Hübn., Exot. Schm. Pyral., fig. 101.*
Hymenia perspectalis, Hübn., Verz. Schm., p. 361, No. 2452, (1816).*
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 395. (1859).
Spoladea perspectalis, Guén., Délt. et Pyral., p. 226, No. 192, (1854).

Collection Swinhoe, India.
Also recorded from Jamaica, Rio Janeiro.
San Domingo, Venezuela.

4262. Hymenia recurvalis.

Phalæna recurvalis, Fabr., Ent. Syst. iii, 2, p. 237, No. 407, (1794).
Spoladia recurvalis, Guén., Delt. et Pyral., p. 225, 190, pl. 8, fig. 5, (1854).
Hymenia recurvalis, Walker, Cat. Lep. Het. B.M. xvii, p. 396, (1859).
——————— Moore, Lep. Ceyl. iii, p. 293, (1885).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 407.
Zinckenia recurvalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 437, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1321, (1865).
——————— Snellen, Tijd. Voor. Ent. vii, p. 95, (1872).
——————— Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. p. 55, (1883).*
——————— Meyrick, Trans. Ent. Soc. Lond., 1884, p. 308.
Phalæna angustalis, Fabr., Mant., p. 222, No. 309, (1787).
Phalæna (Pyralis) fascialis, Cramer, Pap. Exot. iv, pl. 398, fig. O, (1782).
——————— , Stoll., Pap. Exot. v, pl. 36, fig. 13, (1790).
Hymenia diffascialis, Hübn., Verz. Bek. Schm., p. 361, No. 3453, (1816).
Hydrocampa albifascialis, Boisduval, Faun. Ent. Madag. Lep., p. 119, pl. 16, fig. 1, (1834).*
Phalæna nigrella, Linn., Syst. Nat., ed. 13, iii, App., p. 225.
Hymenia fascialis, Butler, Ann. Mag. Nat. Hist. (5), 5, 1880, p. 226.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1856, p. 867; and 1886, p. 457.
——————— Butler, Proc. Zool. Soc., 1886, p 384.

I. M., Karachi (Swinhoe), Calcutta, Andaman Islands (purchased), Kulu (Young), Nicobar Islands (de Niceville), Mergui (Anderson).
Collection Swinhoe, Andaman Islands, Kasauli, Poona, Campbellpur, Mhow, Karachi, Satara, Bombay, Rangoon, Ceylon, Nilgiri Hills.
Also recorded from West Indies, S. America, Africa, Australia, New Zealand, China, and New Guinea.

Genus **Coptobasis.**

4263. COPTOBASIS ADDUCTALIS.

Botys adductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 669, (1859).
Coptobasis adductalis, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 7, (1885).
Coptobasis luminalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 482, No. 118, pl. 16, fig. 10, (1863).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4264. COPTOBASIS ÆNEALIS.

Coptobasis ænealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Khandalla.
Allied to *C. opisalis*.

4265. COPTOBASIS ANDAMANALIS.

Coptobasis andamanalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 615, pl. 60, fig. 14.

Andaman Islands.
Allied to *C. æmealis*.

4266. COPTOBASIS COLOMBOENSIS.

Coptobasis colomboensis, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 13, (1887).

Ceylon.

4267. COPTOBASIS CROTONALIS.

Botys crotonalis, Walker, Cat. Lep. Het. B.M. xix, p. 997, (1859).
Coptobasis crotonalis, Moore, Lep. Ceyl. iii, p. 292, (1885).

Ceylon.
Allied to *C.* (*Botys*) *sulcialis* from Borneo.

4268. COPTOBASIS CUPREALIS.

Coptobasis cuprealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 616, pl. 60, fig. 13.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.

4269. COPTOBASIS DEFICIENS.

Coptobasis deficiens, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 12, (1887).

Ceylon.

4270. COPTOBASIS FRATERNA.

Coptobasis fraterna, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 8, ♂, (1885).

Ceylon.

4271. COPTOBASIS LUNALIS.

Botys lunalis, Guén., Delt. et Pyral., p. 352, No. 417, (1854).
———— Walker, Cat. Lep., Het. B. M. xviii, pl. 662, (1859).
Coptobasis lunalis, Moore, Proc. Zool. Soc. Lond., p. 1877, p. 616.
———— Lep. Ceyl. iii, p. 291, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 867.
Botys thyasalis, Walker, *loc. cit.* xviii, p. 734, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
Coptobasis thyadalis (sic), Leder., Wien. Ent. Monat. vii, p. 429, (1863).
Botys thiasalis, Walker, *loc. cit.* xix, p. 1007, (1859).

I. M., Andaman Islands (de Roepstorff and purchased).
Collection Swinhoe, Bombay, Poona, Karachi, Andaman Islands, Rangoon, Nilgiri Hills.
Also recorded from Ceylon.

4272. COPTOBASIS ŒMEALIS.

Botys œmealis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, (1859).

Collection Swinhoe, Sikkim.

4273. COPTOBASIS OPISALIS.

Desmia opisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 346, (1859).
Coptobasis opisalis, Walker, *loc. cit.* xxxiv, p. 1319, (1865).
———— Swinhoe, Proc. Zool. Soc Lond. 1885, p. 867, and 1886, p. 458.

Collection Swinhoe, Mhow, Bhuj Coast, Poona, Bombay, Khandalla.

4274. COPTOBASIS QUADRIMACULALIS.

Botys quadrimaculalis, Bremer & Grey, Beitr. Zur. Schm. Fauna des Nordlichen China's 22, 3. *
Desmia (??) quadrimaculalis, Walker, Cat. Lep. Het. B. M. xix, p. 934, (1859).

I. M., Kulu (Young).
Collection Swinhoe, Darjiling.
Also recorded from North China.

4275. COPTOBASIS TEXTALIS.

Coptobasis textalis Leder., Wien, Ent. Monat. vii, 482, pl. 16, fig. 9, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1319, (1865).

India.

4276. COPTOBASIS TROPICALIS.

Botystropicalis, Walker, Cat. Lep. Het. B. M. xviii, p. 670, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
Coptobasis tropicalis, Moore, Lep. Ceyl. iii, p. 293, pl. 181, fig. 9, (1885).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus Ætholix.

4277. ÆTHOLIX FLAVIBASALIS.

Ædiodes flavibasalis, Guén., Delt. et Pyral, p. 193, No. 131, (1854).
———————— Walker, Cat. Lep. Het. B. M. xvii, p. 347, (1859).
Ætholix flavibasalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 438, pl. 17, fig. 6, (1863).
———————— Walker, *loc. cit.*, xxxiv, p. 1321, (1865).
———————— Moore, Lep. Ceyl. iii, p. 287, (1885).

I. M., Andaman Islands (purchased).
Also recorded from Ceylon, Borneo.

Genus Bocchoris.

4278. BOCCHORIS INSPERSALIS.

Botys inspersalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handb. 1852, p. 33.*
Ædiodes inspersalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 434, (1863).
Bocchoris inspersalis, Moore, Lep. Ceyl. iii, p. 272, (1885).
Desmia afflictalis, Guén., Delt. et Pyral., p. 190, No. 125, pl. 5, fig. 4, (1854).
———————— Walker, Cat. Lep. Het. B. M. vii, p. 344, (1859).
Ædiodes bootanalis, Walker, *loc. cit.*, xxxiv, p. 1298, (1865).

Ceylon, Bhotan, and Africa.

Genus Agrotera.

4279. AGROTERA EFFERTALIS.

Ædiodes effertalis, Walker, Cat. Lep. Het. B. M. xvii, p. 348, ♀, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Agrotera effertalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 439, (1863).
———————— Moore, Lep. Ceyl. iii, p. 288, (1885).

Collection Swinhoe, Bombay, Khandalla, Poona, Nilgiri Hills.
Also recorded from Ceylon.

4280. AGROTERA FERRUGINATA.

Agrotera ferruginata, Moore, Descr. Ind. Lep. Atk., p. 209, (1887).

Darjiling.

4281. AGROTERA (?) RUMINALIS.

Agrotera (?) ruminalis, Walker, Cat. Lep. Het. B. M., xvii, p. 387, (1859).

North India.

Genus Agathodes.

4282. AGATHODES OSTENTALIS.

Perinephela ostentalis, Geyer, Zutr. Samml. Exot. Schm. x, 417, figs. 833, 834.*
Agathodes ostensalis, Guén., Delt. et Pyral. 208, 164, (1854).
Agathodes ostentalis, Walker, Cat. Lep. Het. B. M., xvii, p. 378, (1859).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
———————— Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 10, (1887).

I. M., Sikkim (Barnes), Andaman Islands (purchased), Mandi.
Collection Swinhoe, Sikkim, Bombay, Lanaoli, Bassein (Burma).
Also recorded from Java and Ceylon.

Genus **Terastia.**

4283. TERASTIA DIVERSALIS.

Agathodes diversalis, Walker, Cat. Lep. Het. B. M., xxxiv, 1307, (1865).
Terastia diversalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Collection Swinhoe, Darjiling.

4284. TERASTIA PROCERALIS.

Terastia proceralis, Leder, Wien. Ent. Monat. vii, p. 480, No. 105, (1863).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India.

4285. TERASTIA SUBJECTALIS.

Terastia subjectalis, Leder, Wien. Ent. Monat. vii, p. 480, No. 106, (1863).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India, Philippine Isles.

Genus **Leucinodes.**

4286. LEUCINODES AUXIALIS.

Leucinodes auxialis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 458, pl. 41, fig. 12.

Collection Swinhoe, Mhow.

4287. LEUCINODES DISCISIGNA.

Leucinodes discisigna, Moore, Proc. Zool. Soc. Lond., 1883, p. 29.

Darjiling.

4288. LEUCINODES MELANOPALIS.

Leucinodes melanopalis, Guén., Delt. et Pyral., p. 224, No. 189, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859).

India.

4289. LEUCINODES OPALINA.

Leucinodes opalina, Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 10, (1885).

I. M., Ceylon (Colombo Museum).

4290. LEUCINODES ORBONALIS.

Leucinodes orbonalis, Guén., Delt. et Pyral., p. 223, No. 187, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 393, (1859).
———— Leder., Pyral. Wien. Ent. Monat. vii, p. 410, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 90, and 1877, p. 615.
———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524, and 1885, p. 868.
———— Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 9, (1885).

I. M., Sibsagar (Peal), Kulu (Young).
Collection Swinhoe, Bombay, Poona, Karachi, Larkana (Sind), Ceylon, Rangoon, Khasi Hills, Kulu, Sibsagar.
Also recorded from Java, Andaman Islands, South Africa.

4291. Leucinodes sigulalis.

Leucinodes sigulalis, Guén., Delt. et Pyral., p. 223, No. 188, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859); and xix, p. 941, (1859).

India.

Genus **Physematia.**

4292. Physematia concordalis.

Physematia concordalis, Leder., Wien. Ent. Monat. vii, p. 447, pl. 17, fig. 14, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).
——————— Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Nicobar Islands.

Genus **Dichocroscis.**

4293. Dichocroscis frenatalis.

Dichocroscis frenatalis, Leder., Wien. Ent. Monat. vii, p. 448, pl. 17, fig. 15, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 616.

Nicobar Islands.

Genus **Megaphysa.**

4294. Megaphysa egialealis.

Megaphysa egialealis, Walker, Cat. Lep. Het. B. M. xvii, p. 383, (1859).

I. M., Sikkim (purchased).

Genus **Daraba.**

4295. Daraba (?) vitellialis.

Daraba (?) vitellialis, Walker, Cat. Lep. Het. B. M. xvii, p. 386, (1859).

India.

Genus **Eudorea.**

4296. Eudorea granitalis.

Eudorea granitalis, Moore, Ann. Mag. Nat. Hist. (5), 1, 1878, p. 235.
——————— 2nd Yarkand Mission, Lep. 1879, p. 13, pl. 1, fig. 25.

Yarkand.

4297. Eudorea lativitta.

Eudorea lativitta, Moore, Proc. Zool. Soc. Lond., 1883, p. 29.

Darjiling.

4298. EUDOREA TRANSVERSALIS.

Eudorea transversalis, Moore, Ann. Nat. Hist (5), 1, 1878, p. 235.
——————— 2nd Yarkand Mission, Lep., p. 14, (1879).

I. M., Yarkand (Moore's type).

Genus **Patania.**

4299. PATANIA CONCATENALIS.

Botys concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1408, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Collection Swinhoe, Sikkim.

4300. PATANIA SEMIVIALIS.

Patania semivialis, Moore, Descr. Ind. Lep. Atk., p. 209, pl. 7, fig. 6, (1887).

Darjiling.
Allied to *P. concatenalis*.

FAMILY SPILOMELIDÆ.

Genus **Salbia.**

4301. SALBIA DIAGONALIS.

Salbia diagonalis, Guén., Delt. et Pyral., p. 201, No. 147, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 361, (1859).

I. M., Kulu (Young).
Collection Swinhoe, Sikkim, Kulu.
Also recorded from Java.

4302. SALBIA STRAMINALIS.

Salbia straminalis, Guén., Delt. et Pyral., p. 200, No. 146, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 360, (1859).

Coromandel.

Genus **Synclera.**

4303. SYNCLERA BRAUREALIS.

Zebronia (?) braurealis, Walker, Cat. Lep. Het. B. M. xix, p. 971, (1859).
Synclera braurealis, Moore, Lep. Ceyl. iii, p. 316, (1886).

Collection Swinhoe, Karachi.
Also recorded from Ceylon and Borneo.

4304. SYNCLERA CÆSALIS.

Glyphodes cæsalis, Walker, Cat. Lep. Het. B. M. xvii, p. 499, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
Synclera cæsalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.
——————— Lep. Ceyl. iii, p. 316, pl. 183, fig. 7, ♀, (1886).

Andaman Islands, Darjiling, Ceylon.

4305. Sinclera gastralis.

Glyphodes gastralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Darjeeling.

4306. Synclera multilinealis.

Botys multilinealis, Guén., Delt. et Pyral, p. 337, No. 380, pl. 8, fig. 11, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 661, (1859).
———— Leder., Wien. Ent. Monat. vii, p. 375, pl. 11, fig. 3, (1863)
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 96, and 1877, p. 619.
Zebronia salomealis, Walker, *loc. cit.*, xvii, p. 476, (1859) and xxxiv, p. 1348, (1865).
———— Swinhoe, Proc. Zool. Soc. 1885, p. 870.
Botys annuligeralis, Walker, *loc. cit.*, xxxiv, p. 1424, (1865).
Notarcha multilinealis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 312.
Synclera multilinealis, Moore, Lep. Ceyl. iii, p. 315, (1886).

I. M., Sibsagar (Peal), Mergui (Anderson), Sikkim, Khasi Hills, Collection Swinhoe, Khasi Hills, Sikkim, Cawnpore, Poona, Bombay, Khandalla.
Also recorded from Ceylon and China.

4307. Synclera tibialis.

Synclera tibialis, Moore, Descr. Ind. Lep. Atk., p. 216, (1887).

Darjiling.
Allied to *S. gastralis*.

4308. Synclera traducalis.

Eudioptis traducalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl. p. 54, (1852). ♂
Synclera traducalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1367, (1865).
———— Leder, Wien. Ent. Monat. vii, p. 444, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 93.
———— Lep. Ceyl. iii, p. 316, pl. 182, fig. 9, ♀, (1886).
Spilomela retinalis, Leder., Wien. Ent. Monat. i, p. 100, (1857).
Glyphodes univocalis, Walker, *loc. cit.*, xvii, p. 499, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 622.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; and 1885, p. 872.

I. M., Sikkim.
Collection Swinhoe, Karachi, Bombay, Sikkim.
Also recorded from Syria and Africa.

Genus **Aripana**.

4309. Aripana æriferalis.

Conchylodes æriferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Andaman Islands.
Allied to *A. lactiferalis*.

4310. ARIPANA CABERALIS.

Spilomela caberalis, Guén., Delt. et Pyral., p. 284, (1854).
Zebronia cabiralis (sic), Walker, Cat. Lep. Het. B. M. xvii, p. 482, (1859).
Conchylodes caberalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 443, (1863).
———————— Snellen, Tijd. Voor. Ent. xxvii, p. 44, (1884).
Aripana caberalis, Moore, Lep. Ceyl. iii, p. 312, (1886).
Zebronia abdicalis, Walker, *loc. cit.*, xvii, p. 480, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.
Conchylodes abdicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 443, pl. 17, fig. 12, (1863).

Collection Swinhoe, Bombay, Khandalla, Nilgiri Hills.
Also recorded from Ceylon, Celebes, Java, and China.

4311. ARIPANA LACTIFERALIS.

Zebronia (?) lactiferalis, Walker, Cat. Lep. Het. B. M. xvii, p. 480, 1859.
Aripana lactiferalis, Moore, Lep. Ceyl. iii, p. 313, (1886).

I. M., Kulu (Young), Ceylon (Colombo Museum).
Collection Swinhoe, Solun, Kulu, Rangoon.

4312. ARIPANA MERITALIS.

Zebronia (?) meritalis, Walker, Cat. Lep. Het. B. M. xvii. p. 479, (1859).
Conchylodes meritalis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 310.
Aripana meritalis, Moore, Lep. Ceyl. iii, p. 313, (1886).
Conchylodes baptalis, Snellen, Tijd. Voor. Ent. 1880, p. 238; and 1884, p. 44, pl. 4, fig. 7.

Ceylon and Celebes.

Genus **Pycnarmon.**

4313. PYCNARMON ABRAXALIS.

Zebronia abraxalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1349, (1865).
Pycnarmon abraxalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91.

Darjiling.

4314. PYCNARMON BISTRIGALIS.

Zebronia bistrigalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348, (1865).
Pycnarmon bistrigalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Darjiling.

4315. PYCNARMON DISCERPTALIS.

Zebronia discerptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348, (1865).
Pycnarmon discerptalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Darjiling.

4316. PYCNARMON JAGUARALIS.

Spilomela jaguaralis, Guén., Delt. et Pyral. p. 283, No. 280, (1854).
Zebronia jaguaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 486, (1859).
Pycnarmon jaguaralis, Walker, *loc. cit.* xxxiv, p. 1368, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

I. M., Sikkim (Barnes), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.
Also recorded from Malacca, Celebes, Mysore and New Guinea.

4317. Pycnarmon virgatalis.

Pycnarmon virgatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92, pl. 7, fig. 9, *nec* fig. 10.

Bengal.

4318. Pycnarmon-zebralis.

Pycnarmon zebralis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91, pl. 7, fig. 12.

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Haritala**.

4319. Haritala auroralis.

Haritala auroralis, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 17, (1887).

Cherrapunji.

4320. Haritala cassusalis.

Zebronia cassusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 477, (1859).
Haritala cassusalis, Moore, Lep. Ceyl. iii, p. 311, (1886).
Notarcha cassusalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 311.
Zebronia aurolinealis, Walker, *loc. cit.* xvii, p. 478.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 622.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 870; and 1886, p. 458.
Pycnarmon aurolinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
Botys faustalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 471, pl. 10, fig. 15, (1863).

I. M., Kulu (Young), Karachi (Swinhoe).
Collection Swinhoe, Khasi Hills, Campbellpur, Assirghar, Karachi, Bombay, Khandalla, Nilgiri Hills.
Also recorded from Amboina.

4321. Haritala discinotalis.

Pycnarmon discinotalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 617.

Andaman Islands.
Allied to *P. plutusalis*.

4322. Haritala graphicalis.

Zebronia graphicalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459.

Collection Swinhoe, Mhow.
Allied to *H. obrinusalis*.

4323. Haritala (?) mineusalis.

Zebronia (?) *mineusalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 481, (1859).

India.

4324. HARITALA OBRINUSALIS.

Astura obrinusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 549, (1859).
Pycnarmon obrinusalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617.

Nicobar Islands, Punjab.

4325. HARITALA PLUTUSALIS.

Zebronia plutusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 478, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 849.
Pycnarmon plutusalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 92.

I. M., Sibsagar, Kulu (Young), Mergui (Anderson).
Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.
Also recorded from Upper Tenasserim.

4326. HARITALA RECURRENS.

Haritala recurrens, Moore, Descr., Ind. Lep. Atk., p. 215, pl. 7, fig. 11, (1887).

Darjiling.

4327. HARITALA TIGRINA.

Haritala tigrina, Moore, Lep. Ceyl. iii, p. 312, pl. 182, fig. 5, (1886).

Collection Swinhoe, Rangoon.
Also recorded from Ceylon.
Allied to *H. plutusalis*.

Genus **Chabula.**

4328. CHABULA ACAMASALIS.

Zebronia (?) *acamasalis*, Walker, Cat. Lep. Het. B. M. xix, p. 970, (1859).
Chabula acamasalis, Moore, Lep. Ceyl. iii, p. 317, (1886).
Zebronia perspicualis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1347, (1865).
Lepyrodes perspicualis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91.
Salbia (?) *perspicualis*, Butler, Proc. Zool. Soc. Lond. 1863, p. 167.
——————— Swinhoe, Proc Zool. Soc. Lond., 1885, p. 870.
Botys (?) *flexissimalis*, Walker, *loc. cit.* xxxiv, p. 1426, (1865).
Heterocnephes strangulalis, Snellen, Tijd. Voor Ent. 1880, p. 224; and 1884, p. 35, pl. 3, fig. 1.

I. M., Sibsagar.
Collection Swinhoe, Mhow, Poona, Rangoon.
Also recorded from Celebes and Java.

Genus **Nausinöe.**

4329. NAUSINÖE NEPTIS.

Phalæna (*Noctua*) *neptis*, Cram., Pap. Exot. iii, pl. 264, fig. F,(1779).
Phalangodes neptis, Leder, Pyral. Wien. Ent. Monat. vii, p. 445, (1863).
Nausinöe neptis, Moore, Lep. Ceyl. iii, p. 310, (1886).
Phalangiodes neptis (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 295.
Nausinöe neptalis, Hübn., Verz. Bek. Schm., p. 363, No. 3466, (1816).
Phalangiodes neptisalis, Guén., Delt. et Pyral, p. 279, No. 272, (1854).

NAUSINÖE NEPTIS—*continued.*

Phalangiodes neptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 467, (1859).
———— Moore, Proc. Zool. Soc. Lond., 1877, p. 617.
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 870.
———— Snellen, Tijd. Voor. Ent. 1884, p. 46.

I. M., Mergui (Anderson), Andaman Islands (purchased), Sibsagar, Naga Hills.
Collection Swinhoe, Bombay, Poona, Rangoon.
Also recorded from Ceylon, Canada, Australia, Cayenne, Surinam, Brazil.

Genus **Pagyda.**

4330. PAGYDA SALVALIS.

Pagyda salvalis, Walker, Cat. Lep. Het. B. M. xvii. p. 487, (1859).
———— Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 6, (1886).

Collection Swinhoe, Khandalla.
Also recorded from Ceylon.

Genus **Cangetta.**

4331. CANGETTA RECTILINEA.

Cangetta rectilinea, Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 8, (1886).

Ceylon.

Genus **Massepha.**

4332. MASSEPHA ABSOLUTALIS.

Massepha absolutalis, Walker, Cat. Lep. Het. B. M. xvii. p. 489, (1859).
———— Moore, Lep. Ceyl. iii, p. 307, (1886).

Ceylon.

FAMILY ENNYCHIDÆ.

Genus **Pachyzancla.**

4333. PACHYZANCLA BASALIS.

Botys basalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865).
Pachyzancla basalis, Moore, Lep. Ceyl. iii, p. 280, (1885).
Botys apertalis, Walk., *loc. cit.*, xxxiv, p. 1450, (1865).

Ceylon.

4334. PACHYZANCLA MUTUALIS.

Botys mutualis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1852, p. 40.*
———— Snellen, Tijd. Voor. Ent., 1883, p. 129.
Pachyzancla mutualis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 315.
———— Moore, Lep. Ceyl. iii, p. 279, pl. 178, fig. 15, ♀, (1885).
Botys stultalis, Walker, Cat. Lep. Het. B. M., xviii, p. 669, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.
Pyrausta stultalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 457.

PACHYZANCLA MUTUALIS—*continued.*

Botys ægrotalis, Snellen (*nec* Zeller), Tijd. Voor. Ent. 1872, p. 90, pl. 7, fig. 8.
——————— Midd., Sumat. iv, 1, p. 63, (1881).

I. M., Bombay (Swinhoe), Kulu (Young).
Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Calcutta, Rangoon, Andaman Islands.
Also recorded from Celebes and Sumatra.

Genus **Pyrausta.**

4335. PYRAUSTA CUPREALIS.

Pyrausta cuprealis, Moore, Ann. Mag. Nat. Hist. (5) 1, 1878, p. 235.
——————— 2nd Yarkand Mission, Lep., 1879, p. 13, pl. 1, fig. 26.

Cashmere.
I. M., Kulu (Young), Sikkim (Dreyer).

4336. PYRAUSTA OSTRINALIS.

Pyralis ostrinalis, Hübn., Pyral., pl. 17, fig. 113, (1797).*
——————— Haw., Lep. Brit., 389.*
Pyralis punicealis, Haw., Lep. Brit., 389.*
Pyralis purpuralis, (?) Hübn., Pyral., fig. 35, (1797).*
Pyrausta punicealis, Steph., Ill. Brit. Haust. 35, iv.*
Pyrausta ostrinalis, Dup., Lep. 226, pl. 224, fig. 8.*
——————— Steph., Ill. Brit. Haust. iv, 36, 5.*
——————— Herr. Schff., Eur. Schm. iv, 22, 50, pl. 15, fig. 107, 108.*
——————— Guén., Delt. et Pyral, p. 167, No. 81, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, 310, (1859).
——————— Butler, Ann. Nat. Hist. (5) 9, p. 210, (1882).
——————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.

Kandahar, Europe.

4337. PYRAUSTA SILHETALIS.

Pyrausta silhetalis, Guén., Delt. et Pyral., p. 166, No. 78, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvii, p. 311, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 333.
Botys silhetalis, Leder., Wien. Ent. Monat. vii, p. 364, (1863).
Botys pangialis, Felder & R. Reise, Nov., pl. 134, fig. 25, (1864-75).

Sylhet, Campbellpur (Punjab), Pangi.

Genus **Pelecyntis.**

4338. PELECYNTIS ABSISTALIS.

Pyrausta absistalis, Walker, Cat. Lep. Het. B. M. xvii, p. 311, (1859).
Pelecyntis absistalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 316.
——————— Moore, Lep. Ceyl. iii, p. 270, (1885).
Asopia lydialis, Walker, *loc. cit.*, xvii, p. 374, (1859).
Botys ustalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 375, 471, pl. x, fig. 14, (1863).
Hedylepta ustalis, Snellen, Tijd. Voor. Ent., 1884, p. 37.
Hedylepta pyraustalis, Snellen, Midd. Sumatra Lep., p. 71, (1880).

Collection Swinhoe, Ceylon, Rangoon, Andaman Islands.
Also recorded from India, Java, Sumatra, and Celebes.

4339. Pelecyntis amyntusalis.

Botys amyntusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 662, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
Zebronia amyntusalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.
Pelecyntis amyntusalis, Moore, Lep. Ceyl. iii, p. 270, pl. 178, fig. 12, ♂, (1885).
Asopia critheisalis, Walker, *loc. cit.*, xix, p. 939, (1859).
Botys semizebralis, Walker, *loc. cit.*, xxxiv, p. 1407, (1865).

Collection Swinhoe, Bombay, Khandalla, Rangoon, Andaman Islands.
Also recorded from Darjiling and Ceylon.

4340. Pelecyntis distorta.

Pelecyntis distorta, Moore, Lep. Ceyl. iii, p. 270, pl. 180, fig. 7, (1885).

I. M., Sikkim (purchased).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Hedylepta.**

4341. Hedylepta abruptalis.

Asopia (?) abruptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 371, (1859).
Botys abruptalis, Felder & R. Reise, Novara, pl. 135, fig. 10, (1874).
——————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 323.
Hedylepta abruptalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 14, ♀, (1885).
Pyrausta abruptalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867.
Asopia dotatalis, Walker, *loc. cit.*, xxxiv, p. 1305, (1865).

I. M., Calcutta, Kulu (Young).
Collection Swinhoe, Bombay, Poona, Karachi, Khandalla, Solun, Nilgiri Hills, Andaman Islands, Rangoon.
Also recorded from Ceylon.

4342. Hedylepta contubernalis.

Hedylepta contubernalis, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Parisnath, Bengal.
Allied to *H. abruptalis*.

4343. Hedylepta falsidicalis.

Asopia falsidicalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).
Hedylepta falsidicalis, Moore, Lep. Ceyl. iii, p. 277, (1885).
Botys jucundalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 370, pl. 8, fig. 17, (1863).

Collection Swinhoe, Ceylon.

4344. Hedylepta gemella.

Hedylepta gemella, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Calcutta.

4345. HEDYLEPTA ILLECTALIS.

Botys illectalis, Walker, Cat. Lep. Het. B. M. xviii, p. 658, (1859).
Hedylepta illectalis, Moore, Lep. Ceyl. iii, p. 277, (1885).
Ebulea opheltesalis, Walker, *loc. cit.*, xix, p. 1010, (1859).

India, Ceylon.

4346. HEDYLEPTA LATIMARGINALIS.

Asopia latimarginalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Hedylepta latimarginalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 16, (1885).

Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Ceylon, Nilgiri Hills, Calcutta.

4347. HEDYLEPTA (?) NIOBESALIS.

Asopia (?) niobesalis, Walker, Cat. Lep. Het. B. M. xix, p. 939, (1859).
Hedylepta (?) niobesalis, Moore, Lep. Ceyl. iii, p. 278, (1885).

Ceylon.

4348. HEDYLEPTA STRAMINEA.

Hedylepta straminea, Moore, Lep. Ceyl. iii, p. 278, pl. 180, fig. 5, (1885).

I. M., Calcutta, Ranchi (Irvine).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4349. HEDYLEPTA VULGALIS.

Asopia vulgalis, Guén., Delt. et Pyral., p. 202, No. 150, pl. 6, fig. 8, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 364, (1859).
Hedylepta vulgalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 409, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1322, (1865).
——————— Moore, Lep. Ceyl. iii, p. 276, (1885).
Botys mæliusalis, Walker, *loc. cit.*, xviii, p. 703, (1859).
Botys reductalis, Walker, *loc. cit.*, xxxiv, p. 1412, (1865).

Collection Swinhoe, Rangoon, Sikkim.
Also recorded from South America, West Indies, Africa, and Ceylon.

Genus Syllythra.

4350. SYLLYTHRA BICOLOR.

Syllythra bicolor, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).

Assam, Calcutta.

4351. SYLLYTHRIA IMBUTALIS.

Rhodaria imbutalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865).
Syllythria imbutalis, Moore, Lep. Ceyl. iii, p. 268, pl. 178, fig. 9, (1885).

I. M., Ceylon (Colombo Museum).

Genus **Rhodaria.**

4352. RHODARIA ARIDA.

Rhodaria arida, Butler, Proc. Zool. Soc. Lond., 1881, p. 621.
Collection Swinhoe, Karachi.

4353. RHODARIA CONCATENALIS.

Rhodaria concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1284, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Darjiling.

4354. RHODARIA JUNCTURALIS.

Rhodaria juncturalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.
Collection Swinhoe, Mhow, Karachi.

Genus **Cotachena.**

4355. COTACHENA HISTRICALIS.

Botys histricalis, Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859).
Cotachena histricalis, Moore, Lep. Ceyl. iii, p. 276, (1885).
Ceylon, China.

Genus **Nacoleia.**

4356. NACOLEIA CONTINGENS.

Nacoleia contingens, Moore, Lep. Ceyl. iii, p. 273, pl. 179, fig. 8, ♂, (1885).
Ceylon.

4357. NACOLEIA COSTISIGNALIS.

Nacoleia costisignalis, Moore, Lep. Ceyl. iii, p. 273, (1885).
Ceylon.

4358. NACOLEIA PRÆTERITALIS.

Asopia (?) præteritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 372, (1859).
Nacoleia præteritalis, Moore, Lep. Ceyl. iii, p. 273, (1885).
Ceylon.

4359. NACOLEIA TIASALIS.

Botys tiasalis, Walker, Cat. Lep. Het. B. M. xix, p. 994, (1859).
Nacoleia tiasalis, Moore, Lep. Ceyl. iii, p. 274, (1885).
Ceylon.

Genus **Gadessa.**

4360. GADESSA ALBIFRONS.

Gadessa albifrons, Moore, Lep. Ceyl. iii, p. 279, pl. 180, fig. 6, (1885).
Ceylon.

Genus **Porphyritis.**

4361. PORPHYRITIS SIKKIMA.

Porphyritis sikkima, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).
Darjiling.

FAMILY HERCYNIDÆ.

Genus **Aporodes.**

4362. APORODES MELEAGRISALIS.

Herbula meleagrisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 324, (1859).
———— Butler, Ann. Nat. Hist. (5) 9, p. 211, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 458.
Aporrodes meleagrisalis, Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
———— Proc. Zool. Soc. Lond. 1886, p. 383.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524,
———— Trans. Ent. Soc. Lond. 1885, p. 354.
Collection Swinhoe, Kandahar, Quetta, Karachi, Hydrabad (Sind).
Also recorded from the Punjab.

Genus **Herbula.**

4363. HERBULA CESPITALIS.

Pyralis cespitalis, Denis, Wien. Verz. 123, 32, (1775).*
———— Brahm., Ins. 280.*
———— Schr., Faun. Boic. 1725.*
———— Hübn., Pyral. pl. 6, fig. 39.*
———— Haw., Lep. Brit. 390.*
Phalæna cespitalis, Fabr., Mant. Ins. ii, p. 222, No. 314, (1787).
———— Ent. Syst. iii, 2, p. 238, No. 410, (1794).
Botys cespitalis, Herr Schaff., Eur. Schm. iv, 23, 53.*
Herbula cespitalis, Guén., Delt. et Pyral., p. 176, No. 98, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 321, (1859).
———— Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.
Phalæna (Pyralis) cespitalis, Gmel., ed. Syst. Nat. i, 5, 2525, 951.*
Tortrix zonana, Schäff., Icon., pl. 262, fig. 4, 5, (1779).*
Tinea vestianella, Clerck, Icon., pl. 11, fig. 11.
Pyralis sordidalis, Hübn., Pyral., pl. 7, fig. 40.*
———— Haw., Lep. Brit. 391.*
Pyrausta sordidalis, Steph., Ill. Brit. Haust. iv, 34, 2.*
Pyrausta cespitalis, Treit., Schm. vii, 173.*
———— Dup., Lep. 232, pl. 225, fig. 3.*
———— Steph., Ill. Brit. Haust. iv, 34, 1.*
Var. *Pyrausta intermedialis*, Dup., Lep. 350, pl. 234, figs. 1, 2.*
Collection Swinhoe, Kandahar.
Also recorded from Europe and the Punjab.

Genus **Æschremon.**

4364. ÆSCHREMON DISPARALIS.

Æschremon disparalis, Herr. Schaff., Schm. Eur. vi, p. 140, figs. 134 & 135.*
——— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1290, (1865).
——— Butler, Ann. Nat. Hist. (5), 9, p. 211, 1882.
——— Swinhoe, Trans. Ent. Soc. Lond., 1885, p. 353

Kandahar, Europe.

FAMILY STENIIDÆ.

Genus **Nistra.**

4365. NISTRA CÆLATALIS.

Nistra cælatalis, Walker, Cat. xvii, p. 488. (1859).
——— Moore, Lep. Ceyl. iii, p. 295, pl. 182, fig. 10, (1885).

Ceylon.

4366. NISTRA (?) MOLUSALIS.

Botys molusalis, Walker, Cat. Lep. Het. B. M. xix, p. 993, (1859).
——— Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 417, (larva).
——— Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 460.
Nistra (?) molusali, Moore, Lep. Ceyl. iii, p. 296, (1885).

Collection Swinhoe, Mhow.
Also recorded from Ceylon.

Genus **Spanista.**

4367. SPANISTA ORNATALIS.

Asopia ornatalis, Dup., Lep. Fr. viii, p. 207, pl. 223, fig. 8, (1831).*
Nymphula ornatalis, Herr Schäff., Eur. Schm. iv, 10, 6, pl. 8, figs. 52 and 53.*
Stenia ornatalis, Guén., Delt. et Pyral., p. 247, (1854).*
Spanista ornatalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 446, (1863).
——— Snellen, Tijd. Voor Ent. 1872, p. 96.
——— Moore, Lep. Ceyl. iii, p. 297, pl. 181, fig. 10, ♂, (1885).
Botys saturalis, Treit., Eur. Schm. Suppl. 2, p. 29.*
Cataclysta (?) elutalis, Walker, Cat. Lep. Het. B. M. xvii, p. 448, (1859).
Pyralis elutalis, Walker, *loc. cit*, xix, p. 912, (1859).
Stenia elutalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 875.
Pyralis (?) deciusalis, Walker, *loc. cit.*, xix, p. 905, (1859).

Collection Swinhoe, Karachi, Poona, Bombay, Alibagh, Ceylon, Nilgiri Hills.
Also recorded from Celebes.

Genus **Diasemia.**

4368. DIASEMIA IMPULSALIS.

Isopteryx (?) impulsalis, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).
Diasemia impulsalis, Moore, Lep. Ceyl. iii, p. 297, (1885).

Ceylon.

4369. DIASEMIA RAMBURIALIS.

Hydrocampa ramburialis, Dup., Lep. Fr. viii, pt. 2, p. 343, pl. 233, fig. 6, (1831).*
——————— Cat. Meth. Lep. Eur., p. 202, (1844).*
Botys ramburialis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., (1852), p. 30.*
——————— Her Schaff., Eur. Schm. iv, p. 26, 28.
Diasemia ramburialis, Guén., Delt. et Pyral., p. 234, (1854).
——————— Snellen, Tijd. Voor Ent., 1884, p. 38.
——————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 302.
——————— Moore, Lep. Ceyl. iii, p. 296, pl. 179, fig. 5, (1885).
Isopteryx melaleucalis, Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).
Diasemia reconditalis, Walker, *loc. cit.*, xxxiv, p. 1325, (1865).
Diasemia leucophæalis, Walker, *loc. cit.*, xxxiv, p. 1326, (1865).

Ceylon and Australia.

Genus **Lepyrodes.**

4370. LEPYRODES GEOMETRALIS.

Lepyrodes geometralis, Guén., Delt. et Pyral., p. 278, No. 271, pl. 8, fig. 6, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859).
——————— Snellen, Tijd. Voor Ent., 1884, p. 45.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.
———————, Lep. Ceyl. iii, p. 308, (1886).
Diasemia (?) geometralis, Butler, Proc. Zool. Soc. Lond., 1881, p. 622.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 875; and 1886, p. 460.

Collection Swinhoe, Karachi, Assirghar, Bombay, Poona, Calcutta, Rangoon, Nilgiri Hills.
Also recorded from Ceylon and Java.

4371. LEPYRODES LEPIDALIS.

Lepyrodes (?) lepidalis, Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

Ceylon, Bengal.

Genus **Pessocosma.**

4372. PESSOCOSMA PERITALIS.

Lepyrodes peritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 466, (1859).
Pessocosma peritalis, Moore, Lep. Ceyl. iii, p. 309, (1886).

Ceylon.

Family SICULIDÆ.

Genus **Rhodoneura**.

4373. Rhodoneura denticulosa.

Rhodoneura denticulosa, Moore, Lep. Ceyl. iii. p. 267, (1885).

Ceylon.
Allied to *R. marmorealis*.

4374. Rhodoneura marmorealis.

Rhodoneura marmorealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617.

Andaman Islands.

4375. Rhodoneura nævina.

Rhodoneura nævina, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).

Darjiling.

4376. Rhodoneura reticulalis.

Rhodoneura reticulalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Andaman Islands.

4377. Rhodoneura tetraonalis.

Rhodoneura tetraonalis, Moore, Proc. Zool Soc. Lond., 1877, p. 617, pl. 60, fig. 10.

Collection Swinhoe, Rangoon.
Also recorded from Andaman Islands.
Allied to R. *puralis* and *R. bastialis*, Walker.

Genus **Pharambara**.

4378. Pharambara alternata.

Pharambara alternata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).

Darjiling.

4379. Pharambara emblicalis.

Pharambara emblicalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta.

4380. Pharambara hamifera.

Pharambara hamifera, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta, Assam.

4381. Pharambara intimalis.

Pharambara intimalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta.

4382. PHARAMBARA RETICULATA.

Pharambara reticulata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).
Darjiling.

Genus **Microsca.**

4383. MICROSCA FASCIATA.

Microsca fasciata, Moore, Descr. Ind. Lep. Atk., p. 213, pl. 7, fig. 22, (1887).
Darjiling.

4384. MICROSCA LOBULATA.

Microsca lobulata, Moore, Descr. Ind. Lep. Atk., p. 214, pl. 7, fig. 12, (1887).
Darjiling.

4385. MICROSCA STRIATALIS.

Microsca striatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.
Collection Swinhoe, Bombay, Nilgiri Hills.

4386. MICROSCA TRIMERONALIS.

Pyralis (?) *trimeronalis*, Walker, Cat. Lep. Het. B. M. xix, p. 916, (1859).
Microsca trimeronalis, Moore, Lep. Ceyl. iii, p. 268, (1885).
Ceylon.

Genus **Morova.**

4387. MOROVA ANGULALIS.

Morova angulalis, Moore, Descr. Ind. Lep. Atk., p. 214, (1887).
Rangoon.

Genus **Camadena.**

4388. CAMADENA VESPERTILIONIS.

Camadena vespertilionis, Moore, Descr. Ind. Lep. Atk. p. 214, pl. 7, fig. 13, (1887).
Darjiling.

FAMILY HYDROCAMPIDÆ.

Genus **Cymoriza.**

4389. CYMORIZA ACCLARALIS.

Isopteryx acclaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 403, (1859).
Cymoriza acclaralis, Moore, Lep. Ceyl. iii, p. 303, (1885).
Ceylon.

4390. Cymoriza inextricata.

Cymoriza inextricata, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 7, (1887).

Khasi Hills.

4391. Cymoriza irrectalis.

Cymoriza irrectalis, Guén., Delt. et Pyral., p. 272, No. 262, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 455, (1859).

India.

4392. Cymoriza linealis.

Cymoriza linealis, Moore, Descr. Ind. Lep. Atk., p. 210, (1887).

Assam, Calcutta.

4393. Cymoriza marginalis.

Cymoriza marginalis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).

Darjiling.

4394. Cymoriza poritialis.

Oligostigma poritialis, Walker, Cat. Lep. Het. B. M. xix, p. 951, (1859).
Cymoriza poritialis, Moore, Lep. Ceyl. iii, p. 303, pl. 179, fig. 11, (1885).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4395. Cymoriza rivularis.

Cymoriza rivularis, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 8, (1887).

Darjiling.

Genus **Paraponyx**.

4396. Paraponyx affinialis.

Paraponyx affinialis, Guén., Delt. et Pyral., p. 270, No. 259, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 868; and 1886, p. 458.

Collection Swinhoe, Sikkim, Karachi, Mhow, Poona, Bombay.

4397. Paraponyx crisonalis.

Hydrocampa crisonalis, Walker, Cat. Lep. Het. B. M. xix, p. 961, (1859).
Paraponyx crisonalis, Moore, Lep. Ceyl. iii, p. 302, (1885).

Ceylon.

4398. Paraponyx gangeticalis.

Paraponyx gangeticalis, Leder., Wien. Ent. Monat. vii, 485, pl. 18, fig. 5, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1339, (1865).

India.

4399. PARAPONYX LINEALIS.

Paraponyx linealis, Guén., Delt. et Pyral., p. 271, No. 260, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).
——————— Moore, Lep. Ceyl. iii, p. 302, (1885).
Oligostigma obitalis, Walker, *loc. cit.*, xvii, p. 432, (1859).

Collection Swinhoe, Ceylon.
Also recorded from India and Australia.

4400. PARAPONYX ORYZALIS.

Paraponyx oryzalis, Wood-Mason, Rice Pest of Burma, Calcutta, 1885, with plate.

Burma.

4401. PARAPONYX VAGALIS.

Oligostigma vagalis, Walker, Cat. Lep. Het. B. B. xxxiv, p. 1530, (1865).
Paraponyx vagalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Punjab, Java.

4402. PARAPONYX VOTALIS.

Oligostigma votalis, Walker, Cat. Lep. Het. B. M. xvii, p. 433, (1859).
Paraponyx votalis, Moore, Lep. Ceyl. iii, p. 302, (1885).

Collection Swinhoe, Ceylon, Nilgiri Hills, Rangoon.

Genus **Niaccaba.**

4403. NIACCABA BISECTALIS.

Cataclysta (?) bisectalis, Walker, Cat. Lep. Het. B. M., xvii, p. 449, (1859).
Paraponyx (?) bisectalis, Walker, *loc. cit.*, xix, p. 954, (1859).
Niaccaba bisectalis, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 12, (1885).

Ceylon.

4404. NIACCABA DELETA.

Niaccaba deleta, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 13, (1885).

Ceylon.

4405. NIACCABA SUMPTUALIS.

Niaccaba sumptualis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1272, (1865).
——————— Moore, Lep. Ceyl. iii, p. 303, (1885).

Ceylon.

Genus **Oligostigma.**

4406. OLIGOSTIGMA BILINEALIS.

Oligostigma bilinealis, Snellen, Tijd. Ent. xix, 1876, p. 196, pl. 8, fig. 1*a*—*c*,

Punjab.

4407. Oligostigma colonialis.

Oligostigma colonialis, Guén., Delt. et Pyral, p. 262, No. 248, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).
———— Snellen, Tijd. Ent. xix, 1876, p. 198, pl. 8, figs. 3*a*—*d*.

Bombay.

4408. Oligostigma crassicornalis.

Oligostigma crassicornalis, Guén., Delt. et Pyral, p. 261, No. 246, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 433, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Hydrocampa crassicornalis, Leder., Wien. Ent. Monat. vii, p. 451, (1863).
Oligostigma tripunctalis, Walker, *loc. cit.* xxxiv, p. 1531, (1885).

Bengal and Java.

4409. Oligostigma gibbosalis.

Oligostigma gibbosalis, Guén., Delt. et Pyral, p. 262, No. 249, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).
———— Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 12*a*—*d*.

India, Celebes, Java.

4410. Oligostigma hamalis.

Oligostigma hamalis, Snellen, Tijd. Ent. xix, 1876, p. 199, pl. 8, figs. 4*a*—*c*.

Punjab.

4411. Oligostigma incommoda.

Oligostigma incommoda, Butler, Proc. Zool. Soc. Lond., 1881, p. 180.
———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524.

Karachi, Socotra.

4412. Oligostigma parvalis.

Oligostigma parvalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Andaman Islands.

4413. Oligostigma sejunctalis.

Oligostigma sejunctalis, Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 11 *a*—*c*.

Punjab.

Genus **Talanga**.

4414. Talanga sexpunctalis.

Oligostigma sexpunctalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616, pl. 60, fig. 12.
Glyphodes lomaspilalis, Snellen, Tijd. Voor. Ent., 1880, p. 223.
Cataclysta nympha, Butler, Proc. Zool. Soc. Lond., 1880, p. 683, ♂.
Talanga sexpunctata (sic), Moore, Lep. Ceyl. iii, p. 301, pl. 181, fig. 13, (1885).

Andaman Islands, Ceylon, and Celebes.

Genus **Cataclysta.**

4415. CATACLYSTA ANGULATA.

Cataclysta angulata, Moore, Lep. Ceyl. iii, p. 300, pl. 181, fig. 12, (1885).
Ceylon.

4416. CATACLYSTA BLANDIALIS.

Cataclysta blandialis, Walker, Cat. Lep. Het. B. M. xvii, p. 448, (1859).
———— Moore, Lep. Ceyl. iii, p. 299, pl. 179, fig. 15, (1885).
Ceylon.

4417. CATACLYSTA BOMBAYENSIS.

Cataclysta dilucidalis, Walker (*nec* Boisduval), Cat. Lep. Het. B. M. xvii, p. 446, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 868.
Collection Swinhoe, Bombay.
Allied to *C. dilucidalis* from Java.

4418. CATACLYSTA CUNEIFERA.

Cataclysta cuneifera, Moore, Lep. Ceyl. iii, p. 300, pl. 179, fig. 14, (1885).
Collection Swinhoe, Ceylon, Nilgiri Hills.

4419. CATACLYSTA DELICATA.

Cataclysta delicata, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 5, ♂, (1887).
Ceylon.

4420. CATACLYSTA DOMINALIS.

Cataclysta dominalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1337, (1865).
South India.

4421. CATACLYSTA HALIALIS.

Cataclysta halialis, Walker, Cat. Lep. Het. B. M. xvii, p. 447.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Collection Swinhoe, Poona, Khandalla.

4422. CATACLYSTA MAGNIFICALIS.

Pyralis magnificalis, Hübn., Pyral., pl. 16, fig. 104.*
Cataclysta magnificalis, Hübn., Verz. bek. Schm. p. 363, No. 3496, (1816).
———— Guén., Delt. et Pyral. 267, 256, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859).
Nymphula magnificalis, Treit, Schm. vii, 140, 9.*
India.

4423. CATACLYSTA OCHRIPICTA.

Cataclysta ochripicta, Moore, Descr. Ind. Lep. Atk., p. 209, (1887).
Collection Swinhoe, Kirkee (Poona).
Also recorded from Cherrapunji.

4424. CATACLYSTA ORNATA.

Cataclysta ornata, Moore, Lep. Ceyl. iii, p. 299, pl. 181, fig. 11, (1885).
Ceylon.

4425. CATACLYSTA PATNALIS.

Cataclysta patnalis, Felder & R. Reise, Novara, pl. 136, fig. 7, ♂, (1874).
Calcutta, Amboina.

4426. CATACLYSTA PERIBOCALIS.

Cataclysta peribocalis, Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859).
Collection Swinhoe, Sikkim, Solun, Nilgiri Hills.

Genus **Herdonia.**

4427. HERDONIA OSACESALIS.

Herdonia osacesalis, Walker, Cat. Lep. Het. B. M. xix, p. 964, (1859).
——————— Felder & R. Reise, Novara, pl. 134, fig. 4, (1874).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Sylhet.

Genus **Hydrocampa.**

4428. HYDROCAMPA BENGALENSIS.

Hydrocampa bengalensis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).
Calcutta.

4429. HYDROCAMPA PICALIS.

Hydrocampa picalis, Guén., Delt. et Pyral., p. 274, No. 264, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).
India.

4430. HYDROCAMPA PULCHRALIS.

Hydrocampa pulchralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Collection Swinhoe, Darjiling.

4431. HYDROCAMPA SCITALIS.

Hydrocampa scitalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 869.
Collection Swinhoe, Bombay.

4432. HYDROCAMPA TENERA.

Hydrocampa tenera, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524, and 1885, p. 869.
Collection Swinhoe, Karachi, Poona.
Allied to *H. rivularis*.

Genus **Isopteryx.**

4433. ISOPTERYX ENIXALIS.

Isopteryx enixalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.

Collection Swinhoe, Bombay.

4434. ISOPTERYX FŒDALIS.

Isopteryx fœdalis, Guén., Delt. et Pyral., p. 228, No. 195, pl. 4, fig. 7, ♀, (1854).
———— Snellen, Tijd. Voor. Ent. 1872, p. 96; and 1884, p. 47.
———— Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).
———— Moore, Lep. Ceyl. iii, 306, (1886).
Isopteryx spilomelalis, Walker, *loc. cit.* xvii, p. 403, (1859).

India, Ceylon.

4435. ISOPTERYX TRISIGNATA.

Isopteryx trisignata, Moore, Lep. Ceyl. iii, p. 306, (1886).

Ceylon.

Genus **Eurrhyparodes.**

4436. EURRHYPARODES ABNEGATALIS.

Isopteryx (?) *abnegatalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).
Botys abnegatalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 17, (1863).
Eurrhyparodes abnegatalis, Moore, Lep. Ceyl. iii, p. 295, pl. 179, fig. 7, (1885).
Botys bracteolalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1852, p. 30*.
Molybdantha bracteolalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 309.

Collection Swinhoe, Ceylon, Calcutta.
Also recorded from Australia.

4437. EURRHYPARODES ACCESSALIS.

Isopteryx accessalis, Walker, Cat. Lep. Het. B. M. xvii., p. 405, (1859).
Eurrhyparodes accessalis, Moore, Lep. Ceyl. iii, p. 294, pl. 179, fig. 6, (1885).
Eurrhyparodes stibialis, Snellen, Tijd. Voor. Ent. 1880, p. 216, and 1883, p. 134, pl. 8, fig. 3, ♀.

Ceylon, Java, Celebes, and Japan.

Genus **Pramadea.**

4438. PRAMADEA DENTICULATA.

Pramadea denticulata, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).

Khasi Hills.

Family PYRALIDÆ.

Genus Pyralis.

4439. Pyralis acaciusalis.

Pyralis acaciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859).

India.

4440. Pyralis angulifascia.

Pyralis angulifascia, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).

Darjiling.

4441. Pyralis assamica.

Pyralis assamica, Moore, Descr. Ind. Lep. Atk., p. 205, pl. 7, fig. 5, (1887).

Assam.

4442. Pyralis bastialis.

Pyralis bastialis, Walker, Cat. Lep. Het. B. M. xix, p. 902, (1859).

India.

4443. Pyralis bractiatella.

Myelois bractiatella, Walker, Cat. Lep. Het. B. M., xxvii, p. 36, (1863).
Pyralis bractiatella, Moore, Lep. Ceyl. iii, p. 262, pl. 178, fig. 5, ♀, (1885).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

I. M., Ceylon (Colombo Museum).
Also recorded from the Punjab.

4444. Pyralis elachia.

Pyralis elachia, Butler, Ill. Typ. Lep. Het. B. M., iii, p. 70, pl. 58, fig. 3, (1879).
——————— Proc. Zool. Soc. Lond. 1883, p. 166, and 1886, p. 383.

I. M., Ceylon (Colombo Museum), Kulu (Young).
Collection Swinhoe, Solun, Campbellpur.
Also recorded from Japan.

4445. Pyralis elongalis.

Pyralis elongalis, Koll., Hüg. Kaschm., p. 493, (1848).
Pyralis mensalis, Guén., Delt. et Pyral., p. 120, No. 8, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 267, (1859).

Mussoorie.

4446. Pyralis farinalis.

Phalæna (*Pyralis*) *farinalis*, Linn., Syst. Nat. ii, 880, 327, (1767).
———————— Faun. Suec., 1348.*
———————— Clerck, Icon., pl. 2, fig. 14.
———————— Scop., Ent. Carn., 240, 608.*
———————— Wien., Verz. 123, 33.*
———————— Gmel., ed. Syst. Nat. i, 5, 2519, 327.*
———————— Turt., Syst. Nat. iii, 273.*
Phalæna farinalis, Fabr., Sp. Ins. ii, p. 270, No. 169, (1781).
———————— Mant. Ins. ii, p. 216, No. 264, (1787).
———————— Ent. Syst. iii, 2, p. 219, No. 336, (1794).
———————— Brahm., Ins. 521.*
———————— Schr., Faun. Boic. ii, 68, 1730.*
Phalæna pyralis, Fuessl., Schm. Ins. 41, 808.*
Hypsopygia farinalis, Hübn., Verz. Bek. Schm. p. 348, No. 3335, (1816).
Asopia farinalis, Treit., Schm. vii, 147, 1.*
———————— Zeller, Stett. Ent. Zeit. iv, p. 140, (1843).
———————— Herr, Schäff. Eur. Schm. iv, 121, 5.
Var. Asopia lienigialis, Herr Schæff., Eur. Schm. iv, 121, fig. 49.*
Pyralis farinalis, Hubn., Pyral., pl. 15, fig. 95.*
———————— Brahm., Ins. ii, 1, 151, 380.*
———————— Panz., Faun. Germ. X, 21.*
———————— Illig., N. Auss. ii, 26, p. 33.*
———————— Mull., Faun. Frid., 54, 478.*
———————— Zool. Dan. 132, 1530.*
———————— Dup., Lep. 193, pl. 223, fig. 1.*
———————— Steph, Ill. Brit. Haust. iv, 25, 1.*
———————— Luc., Exol. Alg. 149.*
———————— Guén., Delt. et Pyral, p. 119, No. 6, (1854).
———————— Walker, Cat. Lep. Het. B. M., xvii, p. 262, (1859).
———————— Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882).
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.

Collection Swinhoe, Kandahar.
Also recorded from Europe.

4447. Pyralis gerontesalis.

Pyralis gerontesalis, Walker, Cat. Lep. Het. B. M., xix, p. 896, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, and 1885, p. 864.
———————— Moore, Lep. Ceyl. iii, p. 263, pl. 178, fig. 6, ♀, (1885).
Sacatia laudatella, Walker, *loc. cit.*, xxvii, p. 124, ♂, (1863).
Pyralis despectalis, Walker, *loc. cit.*, xxxiv, p. 1243, (1865).
Pyralis (?) *miseralis*, Walker, *loc. cit.*, xxxiv, p. 1244, (1865).

Collection Swinhoe, Darjiling, Karachi, Bombay, Poona.
Also recorded from Ceylon.

4448. Pyralis ibycusalis.

Pyralis ibycusalis, Walker, Cat. Lep. Het. B. M., xix, p. 899, (1859).
India.

4449. Pyralis (?) idalialis.

Pyralis (?) *idalialis*, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859).
Borneo, Ceylon.

4450. Pyralis imbecilis.

Pyralis imbecilis, Moore, Lep. Ceyl. iii, p. 264, (1885).

Ceylon.
Allied to *P. glaucinalis* (Linn.) of Europe.

4451. Pyralis incongrua.

Pyralis incongrua, Butler, Proc. Zool. Soc. Lond. 1886, p. 383, pl. 35, fig. 5.

Kala Pani (Punjab).[1]
Allied to *P. glaucinalis*, *P. yokohamæ* and *P. nannodes*.

4452. Pyralis janiusalis.

Pyralis janiusalis, Walker, Cat. Lep. Het. B. M. xix, p. 904, (1859).
———— Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4453. Pyralis loceusalis.

Pyralis loceusalis, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859).

India.

4454. Pyralis lucillalis.

Pyralis lucillalis, Walker, Cat. Lep. Het. B. M. xvii, p. 268, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864, and 1886, p. 457.

I. M., Poona (Swinhoe), Kulu (Young).
Collection Swinhoe, Solun, Mhow, Poona, Rangoon.

4455. Pyralis palesalis.

Pyralis palesalis, Walker, Cat. Lep. Het. B. M. xvii, p. 269, (1859).
———— Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4456. Pyralis pallivittata.

Pyralis pallivittata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).

Collection Swinhoe, Kulu.

4457. Pyralis phycidalis.

Pyralis phycidalis, Guén., Delt. et Pyral., p. 121, No. 10, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 268, (1859).

India.

4458. Pyralis pictalis.

Asopia pictalis, Curt., Brit. Ent. xi, pl. 527.*
———— Herr Schäff., Eur. Schm. iv, 123, 15.*
Pyralis pictalis, Steph, Ill. Brit. Haust. iv, 395.*
———— Guén., Delt. et Pyral., p. 120, No. 9, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 267, (1859).

India, Europe.

4459. Pyralis platymitris.

Pyralis platymitris, Butler, Proc. Zool. Soc. Lond. 1883, p. 166.

I. M., Kulu (Young).
Collection Swinhoe, Solun.

4460. Pyralis proximalis.

Pyralis proximalis, Walker, Trans. Ent. Soc. Lond., 3rd ser. i., p. 120, (1862—64).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1225, (1865).

India.

4461. Pyralis quisqualis.

Pyralis quisqualis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 11.

Poona.

4462. Pyralis ravolalis.

Pyralis ravolalis, Walker, Cat. Lep. Het. B. M., xix, p. 898, (1859).
———— Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4463. Pyralis recisalis.

Pyralis recisalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866.

Collection Swinhoe, Satara, Poona.

4464. Pyralis roborealis.

Pyralis roborealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 1.

Collection Swinhoe, Nilgiri Hills, Rangoon.
Also recorded from Bombay.

4465. Pyralis rubicundalis.

Pyralis rubicundalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Karachi.

4466. PYRALIS SUFFUSALIS.

Pyralis suffusalis, Walker, Cat. Lep. Het. B. M. xxxiv. p. 1235, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Tatta (Sind), Rangoon.
Also recorded in Calcutta.
Closely allied to *P. Pelargalis*.

4467. PYRALIS TENEBROSALIS.

Pyralis tenebrosalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1235, (1865).
———— Swinhoe, Proc. Zool. Soc. 1885, p. 864.

Collection Swinhoe, Poona.

4468. PYRALIS TRIFASCIALIS.

Pyralis trifascialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614, pl. 60, fig. 9.

Andaman Islands.

4469. PYRALIS (?) TRILATALIS.

Pyralis (?) trilatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1237, (1865).

North India

4470. PYRALIS UBERALIS.

Pyralis uberalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 10; and 1886, p. 457.

Collection Swinhoe, Mhow, Karachi.

4471. PYRALIS XYLINALIS.

Pyralis xylinalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 17.

Collection Swinhoe, Poona.

4472. PYRALIS ZIZANIALIS.

Pyralis zizanialis, Swinhoe, Proc Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 2.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

Collection Swinhoe, Bombay, Travancore.
Also recorded from the Punjab.

Genus **Stericta**.

4473. STERICTA DIVITALIS.

Glossina divitalis, Guén., Delt. et Pyral., p. 124, No. 20, pl. 7, fig. 4, ♀, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 273, (1859).
Stericta divitalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 340, (1863).
———— Moore, Lep. Ceyl. iii, p. 258, (1885).
Locastra phereciusalis, Walker, *loc. cit.* xvi, p. 159, ♂, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 86.

Sylhet, Ceylon, Borneo.

4474. Stericta vitialis.

Pyralis vitialis, Walker, Cat. Lep. Het. B. M. xix, p. 897, ♀, (1859).
Pyralis helvialis, Walker, *loc. cit.*, xix, p. 915, ♂, (1859).
Stericta helvialis, Moore, Lep. Ceyl. iii, p. 258, pl. 178, fig. 1 ♀, 1*a* larva, (1885).

Ceylon.

Genus **Locastra.**

4475. Locastra cuproviridalis.

Locastra cuproviridalis, Moore, Proc. Zool. Soc. Lond. 1867, p 87.

Darjiling.

4476. Locastra lativitta.

Locastra lativitta, Moore, Descr. Ind. Lep. Atk., p. 199, pl. 7, fig. 1, (1887).

Darjiling.

Allied to *L. cuproviridalis*.

4477. Locastra rudis.

Locastra rudis, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, p. 115, (1862—64).
———————— Cat. Lep. Het. B. M., xxxiv, p. 1167, (1865).

India.

Genus **Pannucha.**

4478. Pannucha ænescens.

Pannucha ænescens, Moore, Descr. Ind. Lep. Atk., p. 200, (1887).

Darjiling.

4479. Pannucha basalis.

Pannucha basalis, Moore, Descr. Ind. Lep. Atk., p. 200, pl. 7, fig. 2, (1887).

Darjiling.

Genus **Teliphasa.**

4480. Teliphasa nubilosa.

Teliphasa nubilosa, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).

Darjiling.

4481. Teliphasa orbiculifera.

Teliphasa orbiculifera, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).

Darjiling.

Genus **Taurica.**

4482. Taurica sikkima.

Taurica sikkima, Moore, Descr. Ind. Lep. Atk., p. 202, (1887).

Darjiling.

Genus **Scopocera.**

4483. SCOPOCERA MINOR.

Scopocera minor, Moore, Descr. Ind. Lep. Atk., p. 203, (1887).
Darjiling.

4484. SCOPOCERA PYRALIATA.

Scopocera pyraliata, Moore, Descr. Ind. Lep. Atk., p. 202, (1887).
Darjiling.

4485. SCOPOCERA SINUOSA.

Scopocera sinuosa, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 3, (1887).
Darjiling.

4486. SCOPOCERA VARIEGATA.

Scopocera variegata, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 4, (1887).
Darjiling.

Genus **Sarama.**

4487. SARAMA ATKINSONII.

Sarama atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887).
Darjiling.

Genus **Orthaga.**

4488. ORTHAGA EUADRUSALIS.

Orthaga euadrusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1174, (1865).
——————— Moore, Lep. Ceyl. iii, p. 259, pl. 178, figs. 2, 2*a*, ♂, ♀, 2*b* larva, (1885).
Borneo, India, Ceylon.

4489. ORTHAGA JUCUNDALIS.

Bleptina (?) jucundalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1164, ♂, (1865).
Orthaga jucundalis, Moore, Lep. Ceyl. iii, p. 260, (1885).
Ceylon.

4490. ORTHAGA OBSCURA.

Orthaga obscura, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).
Darjiling.

Genus **Banepa.**

4491. BANEPA ATKINSONII.

Banepa atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887).
Darjiling.

Genus **Rodaba.**

4492. RODABA ANGULIPENNIS.

Rodaba angulipennis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887).

Darjiling.

Genus **Doththa.**

4493. DOTHTHA MESENTERIALIS.

Doththa mesenterialis, Walker, Cat. Lep. Het. B. M. xvii, p. 285, ♂, (1859), and xix, p. 920, (1859).
———————— Moore, Lep. Ceyl. iii, p. 265, pl. 178, fig. 8, (1885).

Ceylon, Borneo.
Allied to *D. suffusalis.*

4494. DOTHTHA SIMILATA.

Doththa similata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).

Collection Swinhoe, Sikkim.
Allied to *D. suffusalis.*

4495. DOTHTHA SUFFUSALIS.

Endotricha suffusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859).
Doththa suffusalis, Moore, Lep. Ceyl. iii, p. 266, (1885).

Ceylon.

Genus **Endotricha.**

4496. ENDOTRICHA DECESSALIS.

Endotricha decessalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859).
———————— Moore, Lep. Ceyl. iii, p. 265, (1885).
Pyralis decessalis, Walker, *loc. cit.*, xxxiv, p. 1234, (1865).

Ceylon.

4497. ENDOTRICHA LORICATA.

Endotricha loricata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).

Calcutta.

Genus **Letchena.**

4498. LETCHENA ELARALIS.

Pyralis elaralis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859).
Letchena elaralis, Moore, Lep. Ceyl. iii, p. 257, (1885).

Ceylon.

4499. LETCHENA THYRALIS.

Pyralis (?) thyralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1234, (1865).
Letchena thyralis, Moore, Lep. Ceyl. iii, p. 257, pl. 178, fig. 10, (1885).

Ceylon.

Genus **Aglossa**.

4500. AGLOSSA ARGENTALIS.

Aglossa argentalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

Collection Swinhoe, Khasi Hills, Darjiling, Kurseyong.

4501. AGLOSSA DIMIDIALIS.

Aglossa dimidialis, Guén., Delt et Pyral., p. 128, No. 25, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 277, (1859).
Crambus dimidiatus, Haw., Lep. Brit. 372.*
Aglossa dimidiatus, Steph., Ill. Brit. Haust. iv, 24.*

India.

4502. AGLOSSA GNIDUSALIS.

Aglossa gnidusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 278, (1859).
———— Moore, Lep. Ceyl. iii, p. 266, (1885).

Ceylon.

4503. AGLOSSA PINGUINALIS.

Phalæna (Pyralis) pinguinalis, Linn., Faun. Suec., 1350.*
———— Syst. Nat. ii, p. 882, No. 336, (1767).
———— Gmel., ed. Syst. Nat. i, 5, 2523, 336.*
———— Stew., El. ii, 181.*
———— Turt. Syst. iii, 279.*
Phalæna pinguinalis, Fabr., Sp. Ins. ii, p. 273, No. 134, (1781).
———— Mant. Ins. ii, p. 220, No. 292, (1787).
———— Ent. Syst. iii, 2, p. 230, No. 377, (1794).
———— Brahm., Ins. ii, 1, 111, 50, 388, 267.*
———— Schr., Faun. ii, 59, 1705.*
Pyralis pinguinalis, Wien., Verz., 120, 13.*
———— Hübn., Pyral., pl. 4, fig. 24.*
———— Mull., Faun. Frid. 54, 479.*
———— Zool. Dan. 133, 1537.*
———— Illig., N. Auss. ii, 10, 13.*
———— Fuessl., Schr. Ins., 42, 815.*
———— Lang., Verz. ii, 209, 1421.*
Crambus pinguinatus, Haw., Lep. Brit., 371.*
Euclita pinguinalis, Hübn., Verz. Bek. Schm., p. 347, No. 3316, (1816).
Aglossa pinguinalis, Latr., Hist. Nat. xiv, 229.*
———— Treit., Schm. vii, 39, 2.*
———— Dup., Lep. 63, pl. 213, fig. 6.*
———— Steph., Ill Brit. Haust. iv, 23, (1854).*
———— Herr. Schäff., Eur. Schm. iv, 119, 1.*
———— Guén., Delt. et Pyral., p. 127, No. 22, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 274, (1859).
———— Butler, Ann. Nat. Hist. (5), ix, p. 210, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond., 1885, p. 353.
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

Collection Swinhoe, Quetta, Kandahar.
Also recorded from Murree and Europe.

Genus **Cœnodomus.**

4504. CŒNODOMUS HOCKINGII.

Cœnodomus hockingii, Walsingham, Trans. Zool. Soc. Lond., 1887, p. 50, pl. 5.

I. M., Vizagapatam (Museum Collector), Calcutta (Blechynden), Hazaribagh (Frizoni).
Collection Swinhoe, Solun.
Also recorded from Punjab, Kangra Valley.

Genus **Stemmatophora.**

4505. STEMMATOPHORA CASTANOPTERA.

Stemmatophora castanoptera, Moore, Lep. Ceyl. iii, p. 260, pl. 178, fig. 7, ♂, (1885).

Collection Swinhoe, Ceylon.

4506. STEMMATOPHORA INGRATA.

Stemmatophora ingrata, Butler, Proc. Zool. Soc. Lond., 1881, p. 621.

Karachi.

4507. STEMMATOPHORA (?) PULVERULENTA.

Stemmatophora (?) pulverulenta, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.

Campbellpur (Punjab).

4508. STEMMATOPHORA RUDIS.

Stemmatophora rudis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887).

Darjiling.

4509. STEMMATOPHORA VIBICALIS.

Stemmatophora vibicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 338, 457, pl. 7, fig. 4, ♀, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1251, (1865).
———— Moore, Lep. Ceyl. iii, p. 260, (1885).

I. M., Ceylon (Colombo Museum), ? Kulu (Young).

4510. STEMMATOPHORA VULSALIS.

Botys (?) vulsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, ♀, (1859).
Stemmatophora vulsalis, Moore, Lep. Ceyl. iii, p. 260, (1885).

Ceylon.

Genus **Herculia.**

4511. HERCULIA BILINEATA.

Herculia bilineata, Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 11, (1887).

Ceylon.

4512. Herculia bractealis.

Herculia bractealis, Walker, Cat. Lep. Het. B. M. xix, p. 808, ♀, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
——————— Lep. Ceyl. iii, p. 261, (1885).

Collection Swinhoe, India.
Also recorded from Ceylon.

4513. Herculia igniflualis.

Pyralis igniflualis, Walker, Cat. Lep. Het. B. M. xvii, p. 268, (1859).
Herculia igniflualis, Moore, Lep. Ceyl. iii, p. 261, (1885).

Ceylon.

Genus **Vitessa.**

4514. Vitessa formosa.

Vitessa formosa, Felder & R. Reise, Novara, pl. 137, fig. 1, ♂, (1874).

India.

4515. Vitessa rama.

Vitessa rama, Moore, Lep. Ceyl. iii, p. 256, pl. 178, fig. 4, ♂, (1885).

Collection Swinhoe, Ceylon.

4516. Vitessa suradeva.

Vitessa suradeva, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7*a*, fig. 7, (1858).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 219, (1864).

I. M., Andaman Islands, Naga Hills, Sikkim (purchased), Mergui (Anderson).
Collection Swinhoe, Sylhet, Travancore, Anamalli Hills, Andaman Islands.

Genus **Tyspana.**

4517. Tyspana vitessoides.

Tyspana vitessoides, Moore, Lep. Ceyl. iii, p. 256, pl. 178, figs. 3, 3*a*, larva, (1885).

I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Ceylon.

Genus **Hellula.**

4518. Hellula undalis.

Phalæna undalis, Fabr., Ent. Syst. iii, 2, p. 226, No. 362, (1794).
Pyralis undalis, Hübn., Pyral. 19, 7, pl. 14, fig. 93, (1797).*
Nymphula undalis, Treit., Sch. vii, p. 128, 1.*
——————— Dup., Lep. viii, p. 160, pl. 221, fig. 1.*
——————— Herr. Schäff., Eur. Schmett. iv, p. 10, 1, pl. 8, fig. 54.*
Hellula undalis, Guén., Delt. et Pyral., p. 416, No. 538, (1854).
——————— Walker, Cat. Lep. Het. B. M., xix, p. 813, (1859).
——————— Moore, Lep. Ceyl. iii, p. 355, (1886).
Oebia undulalis, Hübn., Verz. Schmett., p. 362, No. 3464, (1816).

HELLULA UNDALIS—*continued.*

Scoparia alconalis, Walker, *loc. cit.*, xix, p. 827, (1859).
Scoparia optatusalis, Walker, *loc. cit.*, xix, p. 1018, (1859).
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi.
Also recorded from Ceylon and Europe.

Genus **Hypotia.**

4519. HYPOTIA ALLALIS.

Hypotia allalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462, pl. 41, fig. 2.
Collection Swinhoe, Mhow.

4520. HYPOTIA RUBELLA.

Hypotia rubella, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 9.
Collection Swinhoe, Karachi, Hyderabad, Lindi (Sind).

4521. HYPOTIA VAFERA.

Hypotia vafera, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 8.
Collection Swinhoe, Karachi, Hyderabad (Sind).

4522. HYPOTIA VULGARIS.

Hypotia vulgaris, Butler, Proc. Zool. Soc. Lond. 1881, p. 621.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Hubb river, Tatta (Sind).

Genus **Agastia.**

4523. AGASTIA FLAVOMACULATA.

Agastia flavomaculata, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.
Darjiling.
Allied to *A. hyblæoides*.

4524. AGASTIA HYBLÆOIDES.

Agastia hyblæoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Bostra.**

4525. BOSTRA ILLUSELLA.

Bostra illusella, Walker, Cat. Lep. Het. B. M. xxvii, p. 123, (1863).
———— Moore, Lep. Ceyl. iii, p. 264, (1885).
Ceylon.

Genus **Heliothela.**

4526. HELIOTHELA OPHIDERESANA.

Orosona ophideresana, Walker, Cat. Lep. Het. B. M. xxviii, p. 459, (1863).
Nyctarcha ophideres, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 345.
Heliothela ophideresana, Moore, Lep. Ceyl. iii, p. 269, (1885).
Ceylon.

Genus **Arrade.**

4527. ARRADE EREBUSALIS.

Arrade erebusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 82, (1865).
———— Moore, Lep. Ceyl. iii, p. 373, (1886).
Ceylon.

4528. ARRADE MASSALIS.

Arrade massalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, pl. 57, fig. 10.
Collection Swinhoe, Bombay.

Genus **Cledeobia.**

4529. CLEDEOBIA HYPOTIALIS.

Cledeobia hypotialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, and 1886, p. 457.
Collection Swinhoe, Campbellpur, Mhow, Poona.

FAMILY SCOPARIDÆ.

Genus **Nomophila.**

4530. NOMOPHILA NOCTUELLA.

Tinea noctuella, Schiff Wien, Verz. 136, 35, (1776).
———— Illig., N. Ausg. Dess, ii, 92, 35.*
Nomophila noctuella, Leder., Pyral. Wien. Ent. Monat. vii, p. 379, (1863).
———— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 306.
———— Moore, Lep. Ceyl. iii, p 356, (1886).
Pyralis hybridalis, Hübn., Pyral. 29, 20, pl. 17, fig. 114, (1797).*
———— Haw., Lep. Brit. 386.*
Nomophila hybridalis, Hübn., Verz. Bek. Schmett, p. 368, No. 3536, (1816).
———— Steph., Ill. Brit. Ent. Haust. iv, p. 3121.*
Botys hybridalis, Treit., Schm. vii, 109, 21.*
———— Dup.. Lep. viii, 153, pl. 220, fig. 3.*
Stenopteryx hybridalis, Herr. Sch., Eur. Sch., iv, 42, 137.*
———— Guén., Delt. et Pyral., p. 414, No. 537, (1854).
———— Walker, Cat. Lep. Het. B. M. xix, p. 812, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 622, and 1886, p. 384.
———— Butler, Ann. Nat. Hist. (5), ix, p. 211, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 876.
———— Trans. Ent. Soc. Lond. 1885, p. 354.
Collection Swinhoe, Kandahar, Quetta, Karachi, Sikkim, Umballa, Nilgiri Hills, Mhow.

Genus **Scotomera.**

4531. SCOTOMERA TRISTIS.

Scotomera tristis, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

Collection Swinhoe, Karachi, Hubb river.

Genus **Scoparia.**

4532. SCOPARIA CONGESTALIS.

Scoparia congestalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).
——————— Moore, Lep. Ceyl. iii, p. 354, (1886).

Ceylon.

4533. SCOPARIA DELICATALIS.

Scoparia delicatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1500, (1865).

South India.

4534. SCOPARIA ICTERICALIS.

Scoparia ictericalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57, fig. 16.

Collection Swinhoe, Poona.

4535. SCOPARIA MURIFICALIS.

Scoparia murificalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).
——————— ——— Moore, Lep. Ceyl. iii, p. 355, (1886).

Ceylon.

Genus **Dosara.**

4536. DOSARA CŒLATALIS.

Dosara cælatalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).
——————— Butler, Proc. Zool. Soc. Lond., 1886, p. 384.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.
——————— Moore, Lep. Ceyl. iii, p. 351, (1886).

Collection Swinhoe, Karachi, Poona.
Also recorded from the Punjab and Ceylon.

4537. DOSARA LAPSALIS.

Dosara lapsalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).
——————— Moore, Lep. Ceyl. iii, p. 351, (1886).

Ceylon.

Genus **Parbattia.**

4538. PARBATTIA VIALIS.

Parbattia vialis, Moore, Descr. Ind. Lep. Atk., p. 225, pl. 7, fig. 30, (1887).

Darjiling.

Family PTEROPHORIDÆ.

Genus **Amblyptilia.**

4539. Amblyptilia argyriodactyla.

Platyptilus argyriodactylus, Walker, Cat. Lep. Het. B. M., xxx, p. 929, (1864).
Amblyptilia argyriodactyla, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 13, (1887).

Ceylon.

4540. Amblyptilia taprobanes.

Amblyptilia taprobanes, Felder & R. Reise, Novara Lep. v, pl. 140, fig. 54, ♂, (1875).
——————— Moore, Lep. Ceyl. iii, p. 327, (1887).

Ceylon.

Genus **Platyptilia.**

4541. Platyptilia exaltata.

Pterophorus (*Platyptilus*) *exaltatus*, Zeller, Stett. Ent. Zeit. xxviii, p. 411, 1867.

Collection Swinhoe, Simla.
Also recorded from Sikkim.

Genus **Oxyptilus.**

4542. Oxyptilus anisodactylus.

Oxyptilus anisodactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 934, (1864).
——————— Moore, Lep. Ceyl. iii, p. 528, (1887).

Ceylon.

Genus **Pterophorus.**

4543. Pterophorus atomosus.

Aciptilia atomosa, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885.

Collection Swinhoe, Bombay.

4544. Pterophorus baptodactylus.

Pterophorus baptodactylus, Zeller, Stettin, Ent. Zeit. 1850, p. 211.
——————— Linn. Ent. vi, p. 401.*
——————— Mann, Wien. Zool. Bot. Zeit. v, 1855, 8, p. 572.
——————— Wien. Ent. Monat. Schrift., 1857, p. 189.
——————— Zeller, Stett. Ent. Zeit. 1867, p. 414.

Europe; also Sikkim.

4545. Pterophorus congrualis.

Pterophorus congrualis, Walker, Cat. Lep. Het. B. M. xxx, p. 943, (1864).

Ceylon.

4546. Pterophorus ischnodactylus.

Aciptilus ischnodactylus, Treit., Lep. Eur. x, 3, 232.*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 947, (1864).
Pterophorus congrualis, Swinhoe (*nec* Walker), Proc. Zool. Soc. Lond, 1884, p. 526.

Collection Swinhoe, Karachi.
Also recorded from Europe.

4547. Pterophorus lacteipennis.

Aciptilus lacteipennis, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864).

India.

4548. Pterophorus leucadactylus.

Aciptilus leucadactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864).
Pterophorus leucadactylus, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig 15, (1887).

Ceylon.

4549. Pterophorus oxydactylus.

Pterophorus oxydactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 944, (1864).
Aciptilia oxydactyla, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885.
Pterophorus oxydactylus, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig. 16, (1887).

Collection Swinhoe, Poona, Bombay.
Also recorded from Ceylon.

Genus **Eucnemidophorus.**

4550. Eucnemidophorus alticola.

Cnemidophorus (nom. preoc.) *alticola*, Felder & R. Reise, Novara Lep., pl. 140, fig. 59, (1864-75).

Himalayas.

Genus **Œdematophorus.**

4551. Ædematophorus forcipatus.

Pterophorus (*Œdematophorus ?*) *forcipatus*, Zeller, Stett. Ent. xxviii, 1867, p. 412, pl. 2, fig. 7.

Sikkim.

Genus **Leioptilus.**

4552. Leioptilus serindibanus.

Leioptilus serindibanus, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 14, (1887).

Ceylon.

Genus **Alucita.**

4553. ALUCITA SIKKIMA.

Alucita sikkima, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

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A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

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Tribe CRAMBITES.

Family PHYCITIDÆ.

Sub-Family PHYCITINÆ.

Genus **Ceroprepes.**

4554. Ceroprepes patriciella.

Ceroprepes patriciella, Zeller, Stett. Ent. Zeit. 1867, p. 402, pl. 2, fig. 4.
India.

4555. Ceroprepes pulvillella.

Nephopteryx pulvillella, Zeller, Stett. Ent. Zeit. 1867, p. 394, pl. 2, fig. 3.
India.

Genus **Cryptoblabes.**

4556. Cryptoblabes angustipennella.

Cryptoblabes angustipennella, Ragonot, Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 6.
India.

4557. Cryptoblabes pallicostalis.

Nephopteryx pallicostalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 63, (1863).
South India.

Genus **Aurana.**

4558. Aurana actiosella.

Aurana actiosella, Walker, Cat. Lep. Het. B.M. xxvii, p. 122, (1863).
——————— Moore, Lep. Ceyl. iii, p. 360, (1886).
Nephopteryx lentalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 18.
Collection Swinhoe, Bombay, Karachi.
Also recorded from Ceylon.

Genus **Myelois.**

4559. Myelois (?) basifuscalis.

Myelois (?) basifuscalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 38, (1863).
——————— Moore, Lep. Ceyl. iii, p. 368, (1886).
Ceylon.

4560. Myelois (?) carnea.

Myelois (?) carnea, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.
Campbellpur (Punjab).

4561. Myelois (?) marsyusalis.

Myelois (?) marsyusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).
——————— Moore, Lep. Ceyl. iii, p. 369, (1886).
Ceylon.

Genus **Rhodophæa.**

4562. Rhodophæa heringii.

Rhodophæa heringii, Rag., Annal. Soc. Ent. France, 1888, p. 282.
Ceylon.

Genus **Acrobasis.**

4563. Acrobasis ligeralis.

Myelois ligeralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).
Acrobasis ligeralis, Moore, Lep. Ceyl. iii, p. 359, (1886).
Ceylon.

4564. Acrobasis nigrescens.

Acrobasis nigrescens, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.
Kala Pani (Punjab).

Genus **Hypargyria.**

4565. Hypargyria metalliferella.

Hypargyria metalliferella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 9.
Acra, Bathurst, Punjab.

Genus **Hypsipyla.**

4566. Hypsipyla pagodella.

Hypsipyla pagodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 10.
Punjab.

Genus **Phycita.**

4567. Phycita clientella.

Nephopteryx clientella, Zeller, Stett. Ent. Zeit. 1867, p. 396.
Calcutta.

Genus **Ankova.**

4568. ANKOVA MERIDIONALIS.

Nephopteryx meridionalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 64, (1863).

India.

Genus **Candiope.**

4569. CANDIOPE JOANNISELLA.

Candiope joannisella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 14.

South India.

Genus **Canthelia.**

4570. CANTHELIA ŒGNUSALIS.

Pyralis ægnusalis, Walker, Cat. Lep. Het. B. M. xix, p. 905, (1859).
Canthelia ægnusalis, Moore, Lep. Ceyl. iii, p. 362, (1886).
Homœosoma gratella, Walker, *loc. cit.* xxvii, p. 26, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877; and 1886, p. 461.
Canthelia gratella, Walker, *loc. cit.* xxxv, p. 1727, (1866).

Collection Swinhoe, Mhow, Poona, Bombay.
Also recorded from Ceylon.

4571. CANTHELIA LATERITIALIS.

Eurhodope lateritialis, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).
Canthelia lateritialis, Moore, Lep. Ceyl. iii, p. 362, (1886).
Nephopteryx concolorella, Walker *loc. cit.* xxxv, p. 1721, (1866).

Ceylon.

4572. CANTHELIA LUCIDA.

Canthelia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.

Campbellpur (Punjab).
Allied to *C. ægnusalis*.

Genus **Nephopteryx.**

4573. NEPHOPTERYX (?) ÆOLUSALIS.

Nephopteryx (?) æolusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).
———— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4574. NEPHOPTERYX (?) ARGIADESALIS.

Nephopteryx (?) argiadesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).
———— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4575. NEPHOPTERYX CREPERALIS.

Nephopteryx creperalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 20.

Collection Swinhoe, Poona, Karachi.

4576. NEPHOPTERYX (?) CYLLUSALIS.

Nephopteryx (?) cyllusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 65, (1863).
———————— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4577. NEPHOPTERYX (?) ETOLUSALIS.

Nephopteryx (?) etolusalis, Walker, Cat. Lep. Het. B. M. xxvii. p. 64, (1863).
———————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4578. NEPHOPTERYX EUGRAPHELLA.

Nephopteryx eugraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

India.

4579. NEPHOPTERYX (?) HARPAXALIS.

Nephopteryx (?) harpaxalis, Walker, Cat Lep. Het. B. M. xxvii, p. 65, (1863).
———————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4580. NEPHOPTERYX INCONSPICUELLA.

Nephopteryx inconspicuella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 17.

Dharmsala.

4581. NEPHOPTERYX LAXALIS.

Nephopteryx laxalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877.

Collection Swinhoe, Poona, Bombay.

4582. NEPHOPTERYX RHYPARELLA.

Nephopteryx rhyparella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

Punjab.

4583. NEPHOPTERYX SIGNELLA

Nephopteryx signella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris (April 1888), p. 15.

Afghanistan.

4584. NEPHOPTERYX SUFFUSCALIS.

Nephopteryx suffuscalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.

Collection Swinhoe, Mhow, Poona, Bombay.

4585. NEPHOPTERYX PHYCISELLA.

Nephopteryx phycisella, Walker, Cat. Lep. Het. B. M. xxx, p. 957, (1864).
——————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

Genus **Salebria.**

4586. SALEBRIA CAUTELLA.

Pempelia cautella, Walker, Cat. Lep. Het. B. M. xxvii, p. 73, (1863).
——————— Moore, Lep. Ceyl. iii, p. 369, (1886).

Ceylon.

4587. SALEBRIA ILELLA.

Pempelia ilella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 529, pl. 48, fig. 6.

Collection Swinhoe, Karachi, Hydrabad (Sind).
Allied to *P. cautella*.

4588. SALEBRIA SEMIRUBELLA.

Phalæna semirubella, Scopoli, Ent. Carn. 245, (1763).*
Phalæna (*Tinea*) *carnella*, Linn., Syst. Nat. i, p. 887, (1767).
Tinea sanguinella, Hübner, Tin. Tab. 10, fig. 65, (1800).*
Eurhodope semirubella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).

N. India, China, Europe.

4589. SALEBRIA UNDULATELLA.

Acrobasis undulatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1711, (1886).
Salebria undulatella, Moore, Lep. Ceyl. iii, p. 360, (1886).

Ceylon.

Genus **Oligochroa.**

4590. OLIGOCHROA AKBARELLA.

Oligochroa akbarella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 20.

Allahabad.

4591. OLIGOCHROA LEUCOPHÆELLA.

Pempelia (*Salebria*) *leucophæella*, Zeller, Stett. Ent. Zeit. 1867, p. 390.

Calcutta.

4592. OLIGOCHROA NODICORNELLA.

Oligochroa nodicornella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 21.

Lahore.

4593. OLIGOCHROA SORICINELLA.

Oligochroa soricinella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 20.

South India.

Genus **Pristarthria.**

4594. PRISTARTHRIA MINUTELLA.

Salebria minutella, Rag., Bull. Soc. Ent. Fr. (6) v, p. 150, (1885).
———————— Moore, Lep. Ceyl. iii, p. 361, (1886).

Ceylon.
Allied to *P. mundalis*.

Genus **Epicrocis.**

4595. EPICROCIS FESTIVELLA.

Epicrocis festivella, Zeller, Isis (1848), p. 878.*
———————— Mic., Lep. Caffr., p. 77, (1852).*
———————— Walker, Cat. Lep. Het. B. M., xxvii, p. 75, (1863).
———————— Moore, Lep. Ceyl. iii, p. 367, pl. 184, fig. 8, (1886).
———————— Meyrick, Trans. Ent. Soc. Lond., 1887, p. 259.
Scopula albigeralis, Walker, *loc. cit.* xxxiv, p. 1468, (1865).

Ceylon, Java, Africa.

Genus **Hydaspia.**

4596. HYDASPIA DORSIPUNCTELLA.

Hydaspia dorsipunctella, Rag., Nouv. Gen et Espèces de Phyc. et Gall., Paris, (April 1888), p. 22.

Punjab.

Genus **Magiria.**

4597. MAGIRIA IMPARELLA.

Magiria imparella, Zeller, Stett. Ent. Zeit. 1867, p. 393, pl. 2, fig. 2.

India.

4598. MAGIRIA ROBUSTA.

Magiria robusta, Moore, Lep. Ceyl. iii, p. 365, pl. 184, figs. 4, 4*a*, (1886).

Ceylon.

Genus **Anoristia.**

4599. ANORISTIA INANITELLA.

Anoristia inanitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 25.

Mynpuri.

4600. ANORISTIA VENOSELLA.

Homœosoma venosella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
————————————, 2nd Yark. Miss., Lep., p. 15, pl. 1, fig. 24, (1879).

Yarkand.

Genus **Etiella.**

4601. ETIELLA ZINCKENELLA.

Phycis zinckenella, Treitschke Schmett Eur. ix. i, p. 201, (1832).*
Mella zinckenella, Butler, Proc. Zool. Soc. Lond., 1881, p. 623.
———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 529.
———— Moore, Lep. Ceyl. iii, p. 367, (1886).
Mella dymnusalis, Walker, Cat. Lep. Het., B. M. xix, p. 1018, (1859).
Phycis etiella, Treitschke, *loc. cit.* x, 3, p. 276, (1835).*
Assara albicostalis, Walker, *loc. cit.* xxvii, p. 80, (1863).
Arucha indicatalis, Walker, *loc. cit.*, p. 202, (1863).
Modiana scitivittalis, Walker, *loc. cit.*, p. 83, (1863).
Alata anticalis, Walker, *loc. cit.*, p. 108, (1863); and xxxv, p. 1724, (1866).
Alata subaurella, Walker, *loc. cit.* xxxv, p. 1724, (1866).
Alata hastiferella, Walker, *loc. cit.*, p. 1725, (1866).
var. *Etiella decipiens*, Staudinger, Berl. Ent. Zeit., p. 195, (1870).
Crambus sabulinus, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 455, (1879).

Collection Swinhoe, Mahableswar, Karachi, Hubb, Kotri.
Found in all parts of the inhabited world.

Genus **Heterographis.**

4602. HETEROGRAPHIS MYSORELLA.

Heterographis mysorella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 29.

South India.

4603. HETEROGRAPHIS SINGHALELLA.

Heterographis singhalella, Rag., Ann. Soc. Ent. France, (1888), p. 283.

Ceylon.

4604. HETEROGRAPHIS SUBOBLITELLA.

Heterographis suboblitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 29.

South India.

Genus **Euzophera.**

4605. EUZOPHERA PERTICELLA.

Euzophera perticella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 32.

Calcutta.

Genus **Homœosoma.**

4606. HOMŒOSOMA ALBOVITTELLA.

Homœosoma albovittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 35.

Allahabad.

4607. HOMŒOSOMA DERASELLA.

Homœosoma derasella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 19.

Collection Swinhoe, Poona, Bombay.

4608. Homœosoma getusalis.

Homœosoma (?) getusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 26, (1863).
———————. Moore, Lep. Ceyl. iii, p. 359, (1886).

Ceylon.

4609. Homœosoma goliathella.

Homœosoma goliathella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 35.

Calcutta.

4610. Homœosoma punctistrigella.

Homœosoma punctistrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 33.

Punjab.

Genus **Cabragus.**

4611. Cabragus auritipalpus.

Cabragus auritipalpus, Moore, Lep. Ceyl. iii, p. 371, pl. 184, fig. 9, (1886).

Ceylon.

Sub-Family ANERASTINÆ.

Genus **Emmalocera.**

4612. Emmalocera lucidicostella.

Emmalocera lucidicostella, Rag., Nouv. Gen et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

Punjab.

4613. Emalocera umbricostella.

Emmalocera umbricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

N.-W. India.

Genus **Lodiana.**

4614. Lodiana umbrivittella.

Lodiana umbrivittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

Punjab.

Genus **Polyocha.**

4615. Polyocha aurifusella.

Crambus aurifusella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756, (1866).
Chilo aurifusellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona.

4616. Polyocha carnatella.

Polyocha carnatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Lahore.

4617. Polyocha detritella.

Polyocha detritella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

4618. Polyocha variegatella.

Polyocha variegatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

4619. Polyocha vesculella.

Polyocha vesculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

Genus **Patna**.

4620. Patna eboricostella.

Patna eboricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Darjiling.

Genus **Poujadia**.

4621. Poujadia erodella.

Poujadia erodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

South India.

4622. Poujadia ochridorsella.

Poujadia ochridorsella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

Dharmsala.

4623. Poujadia sepicostella.

Poujadia sepicostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

Punjab.

4624. Poujadia spurcella.

Poujadia spurcella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

Allahabad, Libouan.

Genus **Saluria.**

4625. SALURIA OPIFICELLA.

Anerastia opificella, Zeller, Stett. Ent. Zeit. 1867, p. 406.
Calcutta.

Genus **Baroda.**

4626. BARODA PAUCIGRAPHELLA.

Baroda paucigraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.
Kutch, Calcutta, South India.

Genus **Ambala.**

4627. AMBALA FUSCOSTRIGELLA.

Ambala fuscostrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 45.
N.-W. India.

Genus **Heosphora.**

4628. HEOSPHORA LATERCULELLA.

Anerastia laterculella, Zeller, Stett. Ent. Zeit, 1867, p. 403.
Calcutta.

Genus **Talamba.**

4629. TALAMBA TENUINERVELLA

Talamba tenuinervella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, April 1888, p. 47.
Punjab.

Genus **Hypsotropa.**

4630. HYPSOTROPA SCELETELLA.

Anerastia sceletella, Zeller, Stett. Ent. Zeit. 1867, p 404.
Calcutta.

Genus **Anerastia.**

4631. ANERASTIA ADAPTELLA.

Pempelia (?) adaptella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).
Anerastia adaptella, Moore, Lep. Ceyl. iii, p. 357, (1886).
Ceylon.

4632. ANERASTIA BIMACULELLA.

Anerastia bimaculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.
South India.

4633. ANERASTIA BRUNNEOVITTELLA.

Anerastia brunneovittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Bombay.

4634. ANERASTIA CELSELLA.

Araxes (?) celsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863).
Anerastia celsella, Moore, Lep. Ceyl. iii, p. 357, (1886).

Ceylon.

4635. ANERASTIA INFICITA.

Acrobasis inficita, Walker, Cat. Lep. Het. B. M. xxvii, p. 30, (1863).
Anerastia inficita, Moore, Lep. Ceyl. iii, p. 358, (1886).

Ceylon.

4636. ANERASTIA SPINIFRONTELLA.

Anerastia spinifrontella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 48.

India.

4637. ANERASTIA STIGMATELLA.

Anerastia stigmatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Dharmsala, Allahabad, South India.

Species described as Phycitidae *but whose position is doubtful.*

Genus **Moca.**

4638. MOCA LITHOSIOIDES.

Moca lithosioides, Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.
Resembles a *Tineid*.

4639. MOCA VELUTINA.

Moca velutina, Walker, Cat. Lep. Het. B. M., xxvii, p. 102, (1863).
———— Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.
Resembles a *Noctua*. This and the preceding species certainly do not belong to the same family.

Genus **Allata.**

4640. ALLATA PENICILLATA.

Allata penicillata, Walker, Cat. Lep. Het. B. M. xxvii, p. 111, (1863).
India.

Genus **Letoa.**

4641. LETOA PATULELLA.

Letoa patulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1738, (1866).
N. India.

Genus **Subrita.**

4642. SUBRITA BILINEATELLA.

Subrita bilineatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1744, (1866).
India.

Genus **Dapha.**

4643. DAPHA VALEUSALIS.

Dapha valeusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 125, (1863).
———— Moore, Lep. Ceyl. iii, p. 370, (1886).

Ceylon.

Genus **Hamaxia.**

4644. HAMAXIA LIGNULINA.

Hamaxia lignulina, Walker, Cat. Lep. Het. B. M., xxvii, p. 128, (1863).
———— Moore, Lep. Ceyl. iii, p. 374, (1886).

Ceylon.

Genus **Lacipea.**

4645. LACIPEA MUSCOSELLA.

Lacipea muscosella, Walker, Cat. Lep. Het. B. M., xxvii, p. 138, (1863).
———— Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.

Genus **Cadra.**

4646. CADRA DEFECTELLA.

Cadra defectella, Walker, Cat. Lep. Het. B. M., xxx, p. 962, (1864).
———— Moore, Lep. Ceyl. iii, p. 370, (1886).

Ceylon.

Genus (?)

4647. ———— GRISEELLA.

Myelois griseella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
———— 2nd Yarkand Miss. Lep., p. 16, pl. 1, fig. 15, (1879).

Yarkand.

4648. ——— UNDULOSELLA.

Myelois undulosella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
——— 2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 27, (1879).

Yarkand.

4649. ——— ACISALIS.

Nephopteryx (?) acisalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).
——— Moore, Lep. Ceyl. iii, p. 353, (1886).

Ceylon.

Family SCHŒNOBIDÆ.

Genus **Eschata**.

4650. ESCHATA ARGENTATA.

Eschata argentata, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).

Darjiling.

4651. ESCHATA CONSPURCATA.

Eschata conspurcata, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).

Darjiling.

4652. ESCHATA GELIDA.

Eschata gelida, Walker, Cat. Lep. Het. B. M. ix, p. 133, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 666.

Sylhet, Sikkim.

Genus **Apurima**.

4653. APURIMA COSTALIS.

Apurima costalis, Moore, Lep. Ceyl. iii, p. 388, pl. 184, fig. 15, (1886).

Ceylon.

4654. APURIMA XANTHOGASTRELLA.

Apurima xanthogastrella, Walker, Cat. Lep. Het. B. M. xxvii, p. 194, (1863).
——— Moore, Proc. Zool. Soc. Lond., 1867, p. 666.
——— Butler, Proc. Zool. Soc. Lond., 1886, p. 394.
——— Moore, Lep. Ceyl. iii, p. 388, pl. 184, fig. 14, (1886).
Rupela (?) degenerella, Walker, *loc. cit.* xxviii, p. 524. (1863).
Scirpophaga degenerella, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
Lithosia (?) cramboides, Walker, *loc. cit.* xxxi, p. 230, (1864).

Collection Swinhoe, Umballa, Karachi, Hydrabad, Sind.
Also recorded from China.

Genus **Scirpophaga.**

4655. SCIRPOPHAGA AURIFLUA.

Scirpophaga auriflua, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).*
———— Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 666.
———— Lep. Ceyl. iii, p. 387, (1886).

Calcutta, Ceylon.

4656. SCIRPOPHAGA GILVIBERBIS.

Scirpophaga gilviberbis, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).*
———— Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1864).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 666.

Calcutta.

Genus **Brihaspa.**

4657. BRIHASPA ATROSTIGMELLA.

Brihaspa atrostigmella, Moore, Proc. Zool. Soc. Lond. 1867, p. 666, pl. 33, fig. 13, ♂.
———— Felder & R. Reise, Novara, pl. 98, fig. 19, (1868).

Collection Swinhoe, Darjiling, Rangoon.

Genus **Cirrhochrista.**

4658. CIRRHOCHRISTA ACCIUSALIS.

Margaronia acciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 977, (1859).
Ramila acciusalis, Moore, Lep Ceyl. iii, p. 389, pl. 184, fig. 5, (1886).
Cirrhochrista acciusalis, Moore, Descr. Ind. Lep. Atk., p. 227, ♀, (1887).

Ceylon, India.

4659. CIRRHOCHRISTA BRIZOALIS.

Margaronia brizoalis, Walker, Cat. Lep. Het. B. M. xix, p. 976, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
Cirrhochrista brizoalis, Moore, Descr. Ind. Lep. Atk., p. 226, pl. 7, fig. 10, ♀, (1887).

Collection Swinhoe, Poona, Bombay, Nilgiri Hills.
Also recorded from China and Australia.

Genus **Ramila.**

4660. RAMILA MARGINELLA.

Ramila marginella, Moore, Proc. Zool. Soc. Lond., 1867, p. 667, pl. 33, fig. 16.

Collection Swinhoe, Sikkim.

Genus **Schœnobius.**

4661. SCHŒNOBIUS BIPUNCTIFERA.

Tipanæa bipunctifera, Walker, Cat. Lep. Het. B. M. xxviii, p. 523, (1863).

SCHŒNOBIUS BIPUNCTIFERA—*contd.*

Schœnobius bipunctifera, Moore, Lep. Ceyl. iii, p. 385, pl. 184, fig. 13, (1886).
Chilo gratiosellus, Walker, *loc. cit.* xxx, p. 967, (1864).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.
Schœnobius punctellus, Zeller, Monog. Chilo et Cramb., p. 4, (1863).*
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Collection Swinhoe, Bombay, Poona.
Also recorded from Calcutta, Ceylon, China, Java.

4662. SCHŒNOBIUS BISIGNATUS.

Schœnobius bisignatus, Zeller, MSS.
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona, Karachi.

4663. SCHŒNOBIUS BRUNNESCENS.

Schœnobius brunnescens, Moore, Descr. Ind. Lep. Atk., p. 225, (1887).

Calcutta.

Genus **Urola.**

4664. UROLA INCLARALIS.

Crambus inclaralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 166, (186?).
Urola inclaralis, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 462.

Collection Swinhoe, Mhow.
Also recorded from China.

Genus **Patissa.**

4665. PATISSA CANDIDULALIS.

Metasia candidulalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 880, pl. 57, fig. 6.

Collection Swinhoe, Poona.
Allied to *P. lactealis*, Felder.

4666. PATISSA LACTEALIS.

Metasia (?) lactealis, Felder & R. Reise, Novara, pl. 137, fig. 38, ♂, (1874).
Patissa lactealis, Moore, Lep. Ceyl. iii, p. 389, pl. 184, fig. 11, (1886).

Ceylon.

Genus **Acara.**

4667. ACARA MOROSELLA.

Acara morosella, Walker, Cat. Lep. Het. B. M. xxvii, p. 199, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Sylhet.

Family CRAMBIDÆ.

Genus Chilo.

4668. Chilo bivitellus.

Chilo bivitellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34, fig. 8.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bombay.

4669. Chilo cervinellus.

Chilo cervinellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 7.
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.
Collection Swinhoe, Nilgiri Hills, Matheran, Satara, Poona.

4670. Chilo desistalis.

Crambus desistalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863).
Chilo desistalis, Moore, Lep. Ceyl. iii, p. 384, pl. 184, fig. 10, (1886).
Collection Swinhoe, Ceylon.

4671. Chilo dodatellus.

Chilo dodatellus, Walker, Cat. Lep. Het. B. M. xxx, p. 966, (1864).
Chilo dodatellus Moore, Lep. Ceyl. iii, p. 384, (1886).
Chilo aditellus, Walker, *loc. cit.*, p. 967.
India, Ceylon.

4672. Chilo excerptalis.

Chilo excerptalis, Walker, Cat. Lep. Het. B. M. xxvii. p. 142, (1863).
N. India.

4673. Chilo inconspicuellus.

Chilo inconspicuellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34, fig. 6.
Bombay.

4674. Chilo interruptellus.

Chilo interruptellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 5.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and 1886, p. 461.
Collection Swinhoe, Mhow, Poona, Bombay.

4675. Chilo lincusalis.

Homœosoma (?) lincusalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 26, (1863).
——————— Moore, Lep. Ceyl. iii, p. 358, (1886).
Chilo lincusalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878.
Collection Swinhoe, Simla, Poona.
Also recorded from Ceylon.

4676. CHILO NIVELLUS.

Chilo nivellus, Kollar, Hüg. Kasch, iv, p. 495, (1848).
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863).

Kashmir and Mussoorie.

4677. CHILO ORTELLUS.

Chilo ortellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, fig. 3.

Collection Swinhoe, Mhow.

4678. CHILO UNICOLORELLUS.

Chilo unicolorellus, Kollar, MSS.
———— Walker, Cat. Lep. Het. B. M., xxx, p. 966, (1864).

Himalayas.

Genus **Eromene.**

4679. EROMENE BELLA.

Tinea bella, Hübner, Tin, fig. 60 (69 ?), (1800).*
Eromene bella, Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
———— Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 462.

Collection Swinhoe, Chaman (Afghanistan), Karachi, Mhow, Poona.

4680. EROMENE OCELLEA.

Eromene ocellea, Haw., Lep. Brit, p. 486, (1812).*
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Campbellpore (Punjab), Europe.

4681. EROMENE TRIPUNCTATA.

Eromene tripunctata, Moore, Descr. Ind. Lep. Atk., p. 226, (1887).

Darjiling.

Genus **Catagela.**

4682. CATAGELA ADJURELLA.

Catagela adjurella, Walker, Cat. Lep. Het. B. M. xxvii, p. 191, (1863).
———— Moore, Lep. Ceyl. iii, p. 385, (1886).

Ceylon.

4683. CATAGELA ADMOTELLA.

Catagela (?)admotella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878.
———— Moore, Lep. Ceyl. iii, p. 386, (1886).
Schœnobius minutellus, Zeller, Monog, Chilo et Cramb., p. 6, (1863).
———— Walker, *loc. cit.*, xxx, p. 970, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 667.

Collection Swinhoe, Poona.
Also recorded from Ceylon, Calcutta, Java.

4684. CATAGELA (?) LEUCANIA.

Catagela (?) leucania, Felder & R. Reise, Novara, pl. 137, fig 13, ♂, (1874).
——————— Moore, Lep. Ceyl. iii, p. 557, (1887).

Ceylon.

Genus **Charltona.**

4685. CHARLTONA KALA.

Charltona kala, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, pl. 57, fig. 4; and 1886, p. 461.

Collection Swinhoe, Mhow, Satara, North Kanara.

Genus **Culladia.**

4686. CULLADIA ADMIGRATELLA.

Araxes admigratella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863).
Culladia admigratella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

4687. CULLADIA CÆSELLA.

Araxes cæsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863).
Culladia cæsella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

4688. CULLADIA FAMULELLA.

Araxes famulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1765, (1866).
Culladia famulella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

Genus **Panalipa.**

4689. PANALIPA IMMERITALIS.

Dosara immeritalis, Walker, Cat. Lep. Het. B. M. xix, p. 830, (1859).
Panalipa immeritalis, Moore, Lep. Ceyl. iii, p. 387, (1886).
Araxes (?) decursella, Walker, *loc. cit.* xxvii, p. 194, (1863).

Ceylon.

Genus **Epichilo.**

4690. EPICHILO PARVELLUS.

Epichilo parvellus, Rag., Ann. Soc. Ent. France, 1888, p. 278.

South India.

Genus **Calamotropha.**

4691. CALAMOTROPHA ATKINSONI.

Calamotropha atkinsoni, Zeller, Monog. Chilo et Cramb., p. 9, (1863).*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 970, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.

Calcutta.

Genus **Crambus.**

4692. CRAMBUS ABBREVIATELLUS.

Crambus abbreviatellus, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756 (1866).

South India.

4693. CRAMBUS AURIVITTATUS.

Crambus aurivittatus, Moore, Descr. Ind. Lep. Atk., p. 226, (1887).

Darjiling.

4694. CRAMBUS CONSOCIELLUS.

Crambus consociellus, Walker, Cat. Lep. Het. B. M. xxvii, p. 159, (1863).
———————, Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Bengal.
Also recorded from North America.

4695. CRAMBUS HAPALISCUS.

Crambus hapaliscus, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., p. 71, (1852)*.
———————, Monog. Chilo et Cramb., p. 17, (1863)*.
———————, Moore, Lep. Ceyl. iii, p. 380, pl. 184, fig. 6, (1886).
Crambus concinellus, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863).
———————, Meyrick, Proc. Linn. Soc. New South Wales, iii, p. 182, (1878).

Ceylon, Australia, Africa.

4696. CRAMBUS LUTEELLUS.

Crambus luteellus, Schiff, Wien, Verz., p. 134, (1776).*
——————— Walker, Cat. Lep. Het. B. M. xxvii, p. 154, (1863).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Campbellpur (Punjab), Japan, Europe.

4697. CRAMBUS MALACELLUS.

Crambus malacellus, Dup., Chilo. et Cramb. Genera. p. 17.*
——————— Zeller, Stett. Ent. Zeit. 1867, p. 390.

Cherrapunji, Europe.

4698. CRAMBUS MULTIVAGELLUS.

Crambus multivagellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462.

Collection Swinhoe, Mhow.

4699. CRAMBUS PARALLELUS.

Crambus parallelus, Zeller, Stett. Ent. Zeit. 1867, p. 389, pl. 2, fig. 1.

Darjiling.

4700. CRAMBUS PARTELLUS.

Crambus partellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 462.

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

4701. CRAMBUS SCITULELLUS.

Crambus scitulellus, Walker, Cat. Lep. Het. B. M., xxxv, p. 1755, (1866).

South India.

4702. CRAMBUS TODARIUS.

Crambus todarius, Butler, Proc. Zool. Soc. Lond. 1883, p. 173.

Collection Swinhoe, Nilgiri Hills.

4703. CRAMBUS ZONELLUS.

Crambus zonellus, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528, pl. 48, fig. 16.

Collection Swinhoe, Karachi.
Allied to *C. decolorellus*.

Genus **Tauba**.

4704. TAUBA VENOSELLA.

Tauba venosella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1866).
Loryma venosella, Moore, Lep. Ceyl. iii, p. 377, (1886).

Ceylon.

Genus **Pelena**.

4705. PELENA UNICOLOR.

Pelena unicolor, Moore, Lep. Ceyl. iii, p. 386, pl. 184, fig. 16, (1886).

Ceylon.

Genus **Libuna**.

4706. LIBUNA SOLITELLA.

Bulina solitella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1866).
Libuna solitella, Moore, Lep. Ceyl. iii, p. 379, (1886).

Ceylon.

Genus **Argyria**.

4707. ARGYRIA NIGROCILIELLA.

Argyria nigrociliella, Klr., MSS.
——————— Zeller, Monog. Chilo. et Cramb., p. 52, (1863).*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 978, (1864).

Bombay.

FAMILY ANCYLOLOMIDÆ.

Genus **Ancylolomia.**

4708. ANCYLOLOMIA ARGENTATA.

Ancylolomia argentata, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 3, (1886)

Ceylon.

4709. ANCYLOLOMIA BASISTRIGA.

Ancylolomia basistriga, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 1, (1886).

Ceylon.

4710. ANCYLOLOMIA TAPROBANENSIS.

Ancylolomia taprobanensis, Zeller, Monog. Chilo. et Cramb, p. 9, (1863).*
——————————— Horæ, Ent. Ross. (1877), p. 25, pl. 1, fig. 8.*
——————————— Walker, Cat. Lep. Het. B. M. xxx, p. 969, (1864).
——————————— Moore, Lep. Ceyl. iii, p. 381, pl. 184, figs. 2, 2*a*, (1886).

Ceylon.

Genus **Jartheza.**

4711. JARTHEZA CASSIMELLA.

Jartheza cassimella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, figs. 4 and 6.

Collection Swinhoe, Mhow.
Allied to *J. xylinella*.

4712. JARTHEZA CHRYSOGRAPHELLA.

Chilo chrysographellus, Kollar, Hüg. Kasch. iv, p. 494, (1848).
Jartheza chrysographella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184. (1863).
——————————— Butler, Proc. Zool. Soc. Lond., 1883, p. 173; and 1886, p. 394.
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 461.
Ancyloloma chrysographella, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Collection Swinhoe, Kulu, Calcutta, Karachi, Mhow, Poona, Nilgiri Hills.
Also recorded from Ceylon, China, and Africa.

4713. JARTHEZA BIPLAGELLA.

Jartheza biplagella, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34, fig. 9.

Bombay.

4714. JARTHEZA INDICA.

Ancylolomia indica, Felder & R. Reise, Novara, pl. 137, fig. 19, ♂, (1874).

Calcutta.

4715. JARTHEZA OBSTITELLA.

Jartheza obstitella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880, pl. 57, fig. 3.

Collection Swinhoe, Poona.

4716. JARTHEZA RESPONSELLA.

Jartheza responsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863).

N. India.

4717. JARTHEZA XYLINELLA.

Jartheza xylinella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863).

Nepal.

Genus **Pindicitora.**

4718. PINDICITORA THYSBESALIS.

Pindicitora thysbesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 135, (1863).
Pindicitora (?) zeuxoalis, Walker, *loc. cit.*
Surattha zeuxoalis, Moore, Lep. Ceyl. iii, p. 378, (1886).

Ceylon.

Genus **Surattha.**

4719. SURATTHA ACREONALIS.

Pindicitora acreonalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 136, (1863),
Surattha acreonalis, Moore, Lep. Ceyl. iii, p. 379, (1886).

Ceylon.

4720. SURATTHA ALBIPENNIS.

Surattha albipennis, Butler, Proc. Zool. Soc. Lond. 1886, p. 383.

Collection Swinhoe, Punjab, Karachi.
Allied to *S. invectalis*.

4721. SURATTHA ALBIRENELLA.

Calarina albirenella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1770, (1866).

South India, Java.

4722. SURATTHA ANNUSALIS.

Pindicitora (?) annusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 136, (1863).
Surattha annusalis, Moore, Lep. Ceyl. iii, p. 378, (1886).

Ceylon.

4723. SURATTHA INVECTALIS.

Suratha invectalis, Walker, Cat. Lep. Het B. M. xxvii, p. 76, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, and 1886, p. 462.
———— Moore, Lep. Ceyl. iii, p. 378, (1886).

Collection Swinhoe, Mhow, Satara, Poona.
Also recorded from Ceylon.

Genus **Mesolia.**

4724. MESOLIA PANDAVELLA.

Mesolia pandavella, Rag., Ann. Soc. Ent. France, 1888, p. 282.

South India.

FAMILY GALLERIDÆ.

Genus **Galleria.**

4725. GALLERIA MELLONELLA.

Phalæna (*Tinea*) *mellonella*, Linn., Donovan viii, pl. 288.
Galleria mellonella, Walker, Cat. Lep. Het. B. M., xxvii, p. 1, (1863).
———— Horne, Trans. Ent. Soc. Lond. 1870, p. 181, pl. 22, fig. 3*c*.

Collection Swinhoe, Poona.
Also recorded from Europe.

Genus **Propachys.**

4726. PROPACHYS FASCIALIS.

Propachys fascialis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Bengal.

4727. PROPACHYS LINEALIS.

Propachys linealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665, pl. 33, fig. 17; and 1877, p. 620.

Darjiling, Andaman Islands.

4728. PROPACHYS NIGRIVENA.

Propachys nigrivena, Walker, Cat. Lep. Het. B. M. xxvii, p. 7, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Collection Swinhoe, Darjiling.
Also recorded from China.

Genus **Oryba.**

4729. ORYBA FLAVIPLAGA.

Oryba flaviplaga, Walker, Cat. Lep. Het. B. M. xxvii, p. 11, (1863).

Collection Swinhoe, Simla.

Genus **Toccolosida.**

4730. TOCCOLOSIDA RUBRICEPS.

Toccolosida rubriceps, Walker, Cat. Lep. Het. B. M. xxvii. p. 14, (1863).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Sylhet.

Genus **Midea.**

4731. MIDEA RECTALIS.

Midea rectalis, Walker, Cat. Lep. Het. B. M xxvii, p. 21, (1863); and xxxv, p. 1701, (1866).

Punjab, Ceylon, Borneo.

Genus **Lamoria.**

4732. LAMORIA ANELLA.

Tinea anella, Schiff., Wien, Verz., p. 135, (1776).*
Galleria anella, Zink., Sommer. Germ. Mag. Ent. iv, p. 243.*
Tinea (Pyralis) sociella, Hübn., Eur. Schmett. Tin., p. 4, fig. 24.*

Kandahar, Poona, Europe, Africa.

4733. LAMORIA DEPRESSELLUS.

Melissoblaptes depressellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57, fig. 5.

Collection Swinhoe, Poona.

4734. LAMORIA PLANALIS.

Lamoria planalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 88, (1863).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.
Acrobasis (?) imbella, Walker, *loc. cit.*, xxx, p. 955, (1864).
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
Epischnia imbella, Butler, Ann. Mag. Nat. Hist. (5), xix, p. 211, (1882).
Melissoblaptes bipunctanus, Moore (*nec* Haworth, *nec* Curtis), Lep. Ceyl. iii, p. 375, (1886).

Collection Swinhoe, Karachi, Bombay, Poona.
Also recorded from Ceylon, Allahabad, and Africa.

Genus **Rhangena.**

4735. RHANGENA ROSEIPENNIS.

Rhangena roseipennis, Moore, Lep. Ceyl. iii, p. 376, pl. 184, fig. 12, (1886).

Ceylon.

Genus **Trachylepidia.**

4736. TRACHYLEPIDIA FRUCTICASSIELLA.

Trachylepidia fructicassiella, Rag., Ann. Soc. Ent. France, 1887, p. 260.

Punjab.

Tribe TORTRICES.

Family TORTRICIDÆ.

Sub-Family TORTRICINÆ.

Genus **Teras.**

4737. Teras divisana.

Teras divisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863).
———— Moore, Lep. Ceyl. iii, p. 491, (1887).

Ceylon.

4738. Teras extensana.

Teras extensana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863).
———— Moore, Lep. Ceyl. iii, p. 492, (1887).

Ceylon.

Genus **Cacoecia.**

4739. Cacoëcia micaceana.

Cacoëcia micaceana, Walker, Cat. Lep. Het. B. M. xxviii, p. 314, (1863).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 173.
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.
———— Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 1, (1887).

Collection Swinhoe, Solun, Kulu, Sikkim, Poona, Nilgiri Hills.
Also recorded from China.

4740. Cacoëcia semialbana.

Cacoecia semialbana, Guén., Ann. Soc. Ent. France, 1845, Ind. 5, (?)
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 216, (1863).*
———— Staudinger & Wocke, Cat. ii, p. 236, No. 693, (1871).*

Collection Swinhoe, Solun, Sikkim.
Also recorded from Europe.

4741. Cacoëcia simulana.

Godana simulana, Walker, Cat. Lep. Het. B. M., xxxv, p. 1801, (1866).
Cacoëcia simulana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Abbotabad (Punjab), Java.

Genus **Pandemis.**

4742. Pandemis dispilana.

Pandemis dispilana, Walker, Cat. Lep. Het. B. M. xxx, p. 983, (1864).

Bhootan.

4743. Pandemis eductana.

Pandemis eductana, Walker, Cat. Lep. Het. B. M. xxviii, p. 310, (1863).

India.

Genus **Cnephasia.**

4744. Cnephasia flexilineana.

Sciaphila flexilineana, Walker, Cat. Lep. Het. B. M. xxviii, p. 345, (1863).
Cnephasia flexilineana, Moore, Lep. Ceyl. iii, p. 494, 1887.

Ceylon.

4745. Cnephasia (?) perfectana.

Sciaphila (?) *perfectana*, Walker, Cat. Lep. Het. B. M. xxviii, p. 347, (1863).

Nilgiri Hills.

Genus **Tortrix.**

4746. Tortrix affinisana.

Tortrix affinisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

4747. Tortrix coffearia.

Tortrix coffearia, Neitner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24, (1861).*
———— Nietner, *loc. cit.*, new edition, p. 16, (1880).
———— Guér., Rev. et Mag. de Zool. 1864, p. 61.
———— Moore, Lep. Ceyl. iii, p. 494, (1887).

Ceylon.

4748. Tortrix detractana.

Tortrix detractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 326, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

4749. Tortrix fimbriana.

Tortrix fimbriana, Walker, Char. Undescr. Lep. Het., p. 101, (1869).

Benares.

4750. Tortrix invalidana.

Tortrix invalidana, Walker, Cat. Lep. Het. B. M. xxviii, p. 327, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

4751. Tortrix pusillana.

Tortrix pusillana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

Genus **Dichelia.**

4752. DICHELIA PRIVATANA.

Dichelia privatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 320, (1863).
India.

4753. DICHELIA RETRACTANA.

Dichelia retractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 322, (1863).
——————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.
——————— Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 11, (1887).
Collection Swinhoe, Bombay.
Also recorded from Dharmsala, Ceylon, Australia.

Genus **Xanthosetia.**

4754. XANTHOSETIA INNOTANA.

Xanthosetia innotana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Kala Pani (Punjab).

[N.B.—The position of the following Genus is doubtful.]

Genus **Topadesa.**

4755. TOPADESA SANGUINEA.

Topadesa sanguinea, Moore, Descr. Ind. Lep. Atk., p. 280, (1887).
Darjiling.

Sub-Family CONCHYLINÆ.

Genus **Conchylis.**

4756. CONCHYLIS CONJUNCTANA.

Conchylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866).
N. India.

4757. CONCHYLIS FLAVICOSTANA.

Conchylis flavicostana, Walker, Cat. Lep. Het. B. M. xxviii, p. 361, (1863).
India.

4758. CONCHYLIS STOLICZKANA.

Conchylis stoliczkana, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).
——————— 2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 14, (1879).
Yarkand.

Sub-Family GRAPHOLITHINÆ.

Genus Platypeplus.

4759. PLATYPEPLUS APROBOLA.

Eccopsis aprobola, Meyr., Trans. Ent. Soc. Lond. 1886, p. 275.
Platypeplus aprobola, Moore, Lep. Ceyl. iii, p. 495, pl. 208, fig. 2, (1887).
Ceylon.

Genus Penthina.

4760. PENTHINA BRYANA.

Penthina bryana, Felder & R. Reise, Novara, pl. 137, fig. 54, ♀, (1874).
———— Moore, Lep. Ceyl. iii, p. 494, (1887).
Ceylon.

Genus Pædisca.

4761. PÆDISCA DECOLORANA.

Pædisca decolorana, Freyer, Neue Beitr. 318, 5, p. 48, (1831—48).*
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 254.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 173.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
Collection Swinhoe, Karachi.
Also recorded from Europe.

Genus Grapholitha.

4762. GRAPHOLITHA CONFERTANA.

Grapholitha confertana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).
———— Moore, Lep. Ceyl. iii, p. 495, (1887).
Ceylon.

4763. GRAPHOLITHA LOBIFERANA.

Grapholitha lobiferana, Moore, Descr. Ind. Lep. Atk., p. 280, (1887).
Darjiling.

4764. GRAPHOLITHA NOVARANA.

Grapholitha novarana, Felder & R. Reise, Novara, pl. 137, fig. 49, ♀, (1874).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 623.
Nicobar Islands.

4765. GRAPHOLITHA OBTUSANA.

Grapholitha obtusana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).
———— Moore, Lep. Ceyl. iii, p. 495, (1887).
Ceylon.

Genus Carpocapsa.

4766. CARPOCAPSA PINGUISANA.

Carpocapsa pinguisana, Walker, Cat. Lep. Het. B.M. xxviii, p. 410, (1863).
N. India.

Genus **Coptoloma.**

4767. COPTOLOMA AURANTIANA.

Hemerosia aurantiana, Pryer, Cist. Ent. ii, 235, pl. iv, fig. 12, (1875-82).
Collection Swinhoe, Karachi.
Also recorded from Shanghai.

Genus **Dichrorampha.**

4768. DICHRORAMPHA SUBSEQUANA.

Tortrix subsequana, Hawarth, Lep. Brit. 448, (1812).*
Dichrorampha subsequana, Walker, Cat. Lep. Het. B.M. xxvii, p. 281, (1863),
———— Staudinger & Wocke, Cat. ii, p. 264, No. 1284, (1871).*
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
Collection Swinhoe, Mhow, Bombay, Poona.
Also recorded from Europe.

Sub-Family CERACIINÆ.

Genus **Cerace.**

4769. CERACE GUTTANA.

Cerace guttana, Felder & R. Reise, Novara, pl. 139, fig. 51, ♀, (1875).
Sylhet.

4770. CERACE ONUSTANA.

Cerace onustana, Walker, Cat. Lep. Het. B. M. xxviii, p. 423, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.
Nepal, Sylhet, Sikkim.

4771. CERACE STIPATANA.

Cerace stipatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 422, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.
Collection Swinhoe, Darjiling.
Also recorded from China.

4772. CERACE PERDICINA.

Cerace perdicina, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).
Darjiling.

4773. CERACE TETRAONIS.

Cerace tetraonis, Butler, Proc. Zool. Soc. Lond. 1886, p. 394.
Murree.
Allied to *C. onustana*.

Genus Homona.

4774. HOMONA FASCICULANA.

Homona fasciculana, Walker, Cat. Lep. Het. B. M. xxviii, p. 424, (1863).
———— Moore, Lep. Ceyl. iii, p. 496, (1887).

Ceylon.

FAMILY SIMÆTHIDÆ.

Sub-Family SIMÆTHINÆ.

Genus Simæthis.

4775. SIMÆTHIS BUTHUSALIS.

Simæthis buthusalis, Walker, Cat. Lep. Het. B. M. xxviii, p. 454, (1863).
———— Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4776. SIMÆTHIS ELATELLA.

Simæthis elatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 455, (1863).
———— Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4777. SIMÆTHIS NOVARÆ.

Choreutes novaræ, Felder & R. Reise, Novara, pl. 138, fig. 14, (1875).
———— Moore, Proc. Zool. Soc. Lond., 1877, p. 623.

Nicobar Islands.

4778. SIMÆTHIS TAPROBANES.

Simæthis taprobanes, Zeller, Hor. Ent. Ross. xiii, p. 178, (1878).*
———— Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

[*N.B.*—The position of the following genus is doubtful.]

Genus Tortricomorpha.

4779. TORTRICOMORPHA FLAVICEPS.

Tortricomorpha flaviceps, Felder & R. Reise, Novara, pl. 108, fig. 4, (1872).

Himalayas.

Sub-Family ATYCHINÆ.

Genus **Phycodes.**

4780. PHYCODES HIRUDINICORNIS.

Phycodes hirudinicornis, Guén., Noct. ii, 389, 1249, (1857).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 979, (1857).
——————— Walsingham, Proc. Zool. Soc. Lond., 1885, p. 881.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63; and 1881, p. 377.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Tegna hyblœella, Walker, *loc. cit.* xxxv, p. 1810, (1866).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 413, pl. 15, fig. 10.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 174; and 1886, p. 394.
Collection Swinhoe, Punjab, Kulu, Mhow, Poona.

4781. PHYCODES MACULATA.

Phycodes maculata, Moore, Proc. Zool. Soc. Lond. 1881, p 378.
——————— Descr. Ind. Lep. Atk. ii, p. 152, (1882).
Darjiling, Punjab.

4782. PHYCODES MINOR.

Phycodes minor, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.
——————— Descr. Ind. Lep. Atk. ii, p. 152, (1882).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Collection Swinhoe, Kulu.

4783. PHYCODES TORTRICINA.

Phycodes tortricina, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.
Kanara.

FAMILY TINEIDÆ.

Sub-Family LIPUSINÆ.

Genus **Microcossus.**

4784. MICROCOSSUS MACKWOODII.

Microcossus mackwoodii, Moore, Lep. Ceyl. iii, p. 498, pl. 208, fig. 9, (1887).
Collection Swinhoe, Ceylon.

Sub-Family TINEINÆ.

Genus **Hapsifera.**

4785. HAPSIFERA DEVIELLA.

Drosica (?) deviella, Walker, Cat. Lep. Het. B. M. xxviii, p. 520, (1863).
Hapsifera deviella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.
Collection Swinhoe, Mhow, Poona.

4786. Hapsifera eburnea.

Hapsifera eburnea, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.
Collection Swinhoe, Karachi, Punjab.

4787. Hapsifera seclusella.

Cimitra seclusella, Walker, Cat. Lep. Het. B. M. xxix, p. 780, ♀, (1864).
Hapsifera seclusella, Moore, Lep. Ceyl. iii. p. 499, pl. 208, figs. 12 and 13, ♀, (1887).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Ceylon, Punjab.

Genus **Euplocamus.**

4788. Euplocamus strigosa.

Euplocamus strigosa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887).
Darjiling.

Genus **Blabophanes.**

4789. Blabophanes insularis.

Blabophanes insularis, Felder & R. Reise, Novara, pl. 140, fig. 21, , (1875).
——————— Moore, Proc. Zool. Soc. Lond., 1877, p. 623.
Nicobar and Andaman Islands.

4790. Blabophanes longella.

Tinea longella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
Blabophanes longella, Moore, Lep. Ceyl. iii, p. 503, pl. 209, fig. 1, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Machæropteris.**

4791. Machæropteris receptella.

Tinea receptella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
Machæropteris receptella, Moore, Lep. Ceyl. iii, p. 502, pl. 208, fig. 14, (1887).
Ceylon.

Genus **Tinea.**

4792. Tinea amandatella.

Tinea amandatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863).
——————— Moore, Lep. Ceyl. iii, p. 501, (1887).
Ceylon.

4793. Tinea arenatella.

Tinea arenatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).
——————— Moore, Lep. Ceyl. iii, p. 502, (1887).
Ceylon.

4794. TINEA EGENELLA.

Tinea (?) egenella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).
———— Moore, Lep. Ceyl. iii, p. 502, (1887).

Ceylon.

4795. TINEA FISSELLA.

Tinea fissella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863).
———— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4796. TINEA GLABRELLA.

Tinea glabrella, Walker, Cat. Lep. Het. B. M. xxviii, p. 478, (1863).
———— Butler, Proc. Zool. Soc. Lond., 1881, p. 623.
———— Moore, Lep. Ceyl. iii, p. 500, (1887).

Collection Swinhoe, Jhuda and Hydrabad in Sind.
Also recorded from Ceylon.

4797. TINEA IMPRESSELLA.

Tinea impressella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
———— Moore, Lep. Ceyl. iii, p. 500, (1887).

Ceylon.

4798. TINEA LONGICORNIS.

Tinea longicornis, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113, (1859).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 1004, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Calcutta.

4799. TINEA PARVULELLA.

Tinea parvulella, Walker, Cat. Lep. Het. B.M. xxviii, p. 481, (1863).
———— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4800. TINEA PELLIONELLA.

Phalæna (Tinea) pellionella, Linn., Syst. Nat., 12th ed., p. 888, (1767).
Tinea pellionella, Fabr. Ent. Syst., 659, (1775).
———— Stephens, Ill. Haust. iv, 345, (1834).*
———— Zeller, Isis, 708, (1838).*
———— Stainton, Ins. Brit. Tineina, p. 33, (1854).*
———— Walker, Cat. Lep. Het. B.M. xxviii, p. 468, (1863).
———— Staudinger & Wocke, Cat. ii, p. 270, No. 1405, (1871).*
———— Moore, Lep. Ceyl. iii, p. 500, (1887).

Ceylon, Europe.

4801. TINEA SACERDOS.

Tinea sacerdos, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.

Collection Swinhoe, Bombay.

4802. TINEA SPERNATELLA.

Tinea spernatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1044, (1864).
Tinea inconcisella, Walker, *loc. cit.* xxx, p. 1004, (1864). *Nom. preoc.*
———— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4803. TINEA SUBOCHRACEELLA.

Tinea subochraceella, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 464, pl. 41, fig. 9.

Collection Swinhoe, Mhow.

4804. TINEA TAPETZELLA.

Phalæna (*Tinea*) *tapetiella*, Linn., Syst. Nat. x, 536, (1758).*
———— *loc. cit.* xii, 888, (1767).
———— Clerck, Icones, pl. xi, fig. 12, (1759).
Tinea tapetzella, Müller, Faun. Ins. Frid., p. 56, (1764).*
———— Stephens, Ill. Haust. iv, p. 343, (1835).*
———— Stainton, Ins. Brit. Tineina, p. 28, (1854).*
———— Walker, Cat. Lep. Het. B.M. xxviii, p. 466, (1863).
———— Standinger & Wocke, Cat. ii, p. 269, No. 1374, (1871).*
———— Moore, Lep. Ceyl. iii, p. 499, (1887).

Ceylon, Europe, America, Madeira, New Zealand, Australia.

Genus **Setomorpha.**

4805. SETOMORPHA TINEOIDES.

Setomorpha tineoides, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 465, pl. 44, fig. 8.

Collection Swinhoe, Mhow.

Genus **Eriocottis.**

4806. ERIOCOTTIS FUSCANELLA.

Eriocottis fuscanella, Zeller, Isis, p. 813, (1847).*
———— Walker, Cat. Lep. Het. B. M. xxviii, p. 486, (1863).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 624.

Karachi.

[*N.B.*—The position of the following Genera is doubtful.]

Genus **Alavona.**

4807. ALAVONA BARBARELLA.

Alavona barbarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
———— Butler, Ann. Mag. Nat. Hist. (5) v, p. 226, (1880).
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Collection Swinhoe, Mhow, Poona.
Also recorded from the Punjab.

4808. ALAVONA COSSINELLA.

Alavona cossinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866).

South India.

4809. ALAVONA COSSUSELLA.

Alavona cossusella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863); and xxxv, p. 1816, (1866).
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.

Collection Swinhoe, Mhow, Poona, Karachi.

4810. ALAVONA INDECORELLA.

Alavona indecorella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 464.

Collection Swinhoe, Mhow.

4811. ALAVONA INTERMEDIELLA.

Alavona intermediella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866).

N. India.

4812. ALAVONA MINOR.

Alavona minor, Walsingham, Proc. Zool. Soc Lond. 1886, p. 464, pl. 41, figs. 10, 11.

Collection Swinhoe, Mhow.

4813. ALAVONA TAPROBANA.

Alavona taprobana, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 7, 8, ♂, ♀, (1887).

Ceylon.

4814. ALAVONA THWAITESII.

Alavona thwaitesii, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 3, 4, ♂, ♀, (1878).

Ceylon.

Genus **Cervaria.**

4815. CERVARIA XYLINELLA.

Cervaria xylinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).

India.

Genus **Porsica.**

4816. PORSICA INGENS.

Porsica ingens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
———— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 21, pl. 104, fig. 9, (1886).

Collection Swinhoe, Darjiling.

Genus **Toxaliba.**

4817. TOXALIBA REDUCTELLA.

Toxaliba reductella, Walker, Cat. Lep. Het. B. M. xxviii, p. 516, (1863).

Nepal.

4818. TOXALIBA UMBRIPENNIS.

Toxaliba umbripennis, Moore, Descr. Lep. Ind. Atk., p. 281, (1887).

Darjiling.

Genus **Torna.**

4819. TORNA INVARIELLA.

Torna invariella, Walker, Cat. Lep. Het. B. M. xxviii, p. 517, (1863).

N. India.

Genus **Casmara.**

4820. CASMARA INFAUSTELLA.

Casmara infaustella, Walker, Cat. Lep. Het. B. M. xxviii, p. 518, (1863).

N. India.

Genus **Gargetta.**

4821. GARGETTA COSTIGERA.

Gargetta costigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 455, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 11, pl. 103, fig. 6, (1886).

Collection Swinhoe, Darjiling.

Sub-Family MICROPTERYGINÆ.

Genus **Micropteryx.**

4822. MICROPTERYX ACUTIPENNIS.

Micropteryx (?) *acutipennis*, Walker, Cat. Lep. Het. B. M. xxviii, p. 495, (1863).

South India.

4823. MICROPTERYX UNICELLA.

Micropteryx (?) *unicella*, Walker, Cat. Lep. Het. B. M. xxviii, p. 496, (1863).

N. India.

Sub-Family ADELINÆ.

Genus **Adela.**

4824. ADELA ATKINSONII.

Adela atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

4825. ADELA CRŒSELLA.

Tinea crœsella, Scopoli, Ent. Carn. No. 648, (1763).*
———— Staudinger & Wocke, ii, p. 274, No. 1495, (1871).*
Tinea sulzella, Schiff, Wien. Verz., p. 143, (1776).*
Adela sulzella, Walker, Cat. Lep. Het. B. M. xxviii, p. 499, (1863).
———— Moore, 2nd Yark. Miss. Lep., p. 16, (1879).
Kashmir.

4826. ADELA GEMMELLA.

Adela gemmella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 81, pl. 11, fig 8.
Dharmsala.

4827. ADELA GRISEELLA.

Adela griseella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 82, pl. 11, figs. 9, 9 *a*.
Dharmsala.

4828. ADELA LATIFASCIELLA.

Adela latifasciella, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Thundiani (Punjab).

Genus **Nemotois.**

4829. NEMOTOIS INDICA.

Nemotois indica, Walker, Cat. Lep. Het. B. M. xxviii, p. 504, (1863).
South India.

Sub-Family HYPONOMEUTINÆ.

Genus **Hyponomeuta.**

4830. HYPONOMEUTA ALIENELLUS.

Hyponomeuta alienellus, Walker, Cat. Lep. Het. B. M. xxviii, p. 532, (1863).
————————, Moore, Lep. Ceyl. iii, p. 504, (1887).
Ceylon.

4831. HYPONOMEUTA BRUNNESCENS.

Hyponomeuta brunnescens, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

4832. HYPONOMEUTA LAPIDELLA.

Hyponomeuta lapidella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 86, pl. 12, fig. 1.

Dharmsala.

4833. HYPONOMEUTA LINEATONOTELLA.

Hyponomeuta lineatonotella, Moore, Proc. Zool. Soc. Lond. 1867, p. 669, pl. 33, fig. 18.

Collection Swinhoe, Sikkim.

4834. HYPONOMEUTA MALINELLUS.

Hyponomeuta malinellus, Zeller, Isis, 1844, p. 220.*
———— Walker, Cat. Lep. Het. B.M. xxviii, p. 529, (1863).
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Poona.
Also recorded from Europe.

4835. HYPONOMEUTA MILLEPUNCTATELLUS.

Hyponomeuta millepunctatellus, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Kala Pani, Punjab.

4836. HYPONOMEUTA MINUELLUS.

Hyponomeuta minuellus, Walker, Cat. Lep. Het. B. M. xxviii, p. 533, (1863).

Nepal, China.

Genus **Prays.**

4837. PRAYS PLAGIFERELLA.

Prays (?) plagiferella,* Walker, Cat. Lep. Het. B. M. xxviii, p. 540, (1863).
———— Moore, Lep. Ceyl. iii, p. 505, (1887).

Ceylon.

FAMILY PLUTELLIDÆ.

Sub-Family PLUTELLINÆ.

Genus **Cerostoma.**

4838. CEROSTOMA ALBOFASCIELLA.

Cerostoma albofasciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 114, (1858-61).
————Walker, Cat. Lep. Het. B. M. xxx, p. 1018, (1864).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Calcutta.

4839. CEROSTOMA RUGOSELLA.

Cerostoma rugosella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1017, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Bombay, Poona.
Also recorded from Calcutta.

Sub-Family GELECHINÆ.

Genus **Macrernis.**

4840. MACRERNIS HELIAPTA.

Macrernis heliapta, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275.

Ceylon.

Genus **Anarsia.**

4841. ANARSIA CANDIDA.

Anarsia candida, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 114, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 662, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4842. ANARSIA MONETELLA.

Anarsia (?) monetella, Felder & R. Reise, Novara, pl. 139, fig. 19, ♂, (1875).
———— Moore, Lep. Ceyl. iii, p. 516, (1887).

Ceylon.

Genus **Chelaria.**

4843. CHELARIA INDICA.

Chelaria indica, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.

Collection Swinhoe, Bombay.

Genus **Parasia.**

4844. PARASIA APICIPUNCTELLA.

Parasia (?) apicipunctella, Stainton, Trans. Ent Soc. Lond. v, new ser., p. 119, (1858-61).
———— Walker, Cat. Lep. Het. B. M, xxx, p. 1028, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Genus **Gelechia**.

4845. GELECHIA AFFIXELLA.

Gelechia affixella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
——————— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4846. GELECHIA AGNATELLA.

Gelechia agnatella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).
——————— Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4847. GELECHIA ALBATELLA.

Gelechia albatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4848. GELECHIA ALIENELLA.

Gelechia alienella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
——————— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4849. GELECHIA ALTERNELLA.

Gelechia alternella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4850. GELECHIA AMICELLA.

Gelechia amicella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
——————— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4851. GELECHIA ANGUSTELLA.

Gelechia angustella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4852. GELECHIA ANIMOSELLA.

Gelechia animosella, Walker, Cat. Lep. Het. B. M. xxx, p. 1022, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4853. GELECHIA APTATELLA.

Gelechia aptatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
——————— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4854. GELECHIA ARCTELLA.

Gelechia arctella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).
———— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4855. GELECHIA CORNUTELLA.

Gelechia cornutella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
———— Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4856. GELECHIA DEDUCTELLA.

Gelechia deductella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).
———— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4857. GELECHIA EUCERELLA.

Gelechia eucerella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
———— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4858. GELECHIA HIBISCI.

Gelechia (?) hibisci, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4859. GELECHIA IMMERITELLA.

Gelechia immeritella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
———— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4860. GELECHIA MARGINIPUNCTELLA.

Gelechia marginipunctella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 118, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).

Calcutta.

4861. GELECHIA NEGATELLA.

Gelechia negatella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).
———— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4862. GELECHIA OBLIGATELLA.

Gelechia obligatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).
———— Moore, Lep. Ceyl. iii, p. 508, (1887).

Ceylon.

4863. Gelechia patulella.

Gelechia patulella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).
———— Moore, Lep. Ceyl. iii, p. 510, (1887).
Ceylon.

4864. Gelechia pubescentella.

Gelechia (?) pubescentella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
Calcutta.

4865. Gelechia sepositella.

Gelechia sepositella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864).
———— Moore, Lep. Ceyl. iii, p. 513, (1887).
Ceylon.

4866. Gelechia signifera.

Gelechia signifera, Felder & R. Reise, Novara, pl. 139, fig. 23, ♀, (1875).
———— Moore, Lep. Ceyl. iii, p. 508, (1887).
Ceylon.

4867. Gelechia simpliciella.

Gelechia simpliciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 118, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
Calcutta.

4868. Gelechia strenuella.

Gelechia strenuella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
———— Moore, Lep. Ceyl. iii, p. 512, (1887).
Ceylon.

4869. Gelechia tetraspilella.

Gelechia tetraspilella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).
———— Moore, Lep. Ceyl. iii, p. 512, (1887).
Phœosaces tetraspilella, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275.
Ceylon.

4870. Gelechia transactella.

Gelechia transactella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864).
South India.

4871. Gelechia umbripennis.

Gelechia umbripennis, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
Collection Swinhoe, Poona, Bombay.

Genus **Ypsolophus.**

4872. YPSOLOPHUS ROBUSTUS.

Ypsolophus robustus, Butler, Proc. Zool. Soc. Lond. 1883, p. 174.
Collection Swinhoe, Karachi, Hubb.

Genus **Strobisia.**

4873. STROBISIA AURANTIACA.

Strobisia aurantiaca, Walsingham, in Moore's Lep. Ceyl. iii, p. 518, pl. 209, fig. 6, (1887).

Ceylon.

Genus **Meridarchis.**

4874. MERIDARCHIS TRAPEZIELLA.

Meridarchis trapeziella, Zeller, Stett. Ent. Zeit. 1867, p. 408, pl. 2, fig. 5.
Collection Swinhoe, Darjiling.

Genus **Hermogenes.**

4875. HERMOGENES ALIFERELLA.

Hermogenes aliferella, Zeller, Stett. Ent. Zeit. 1867, p. 410.
East Indies.

[*N.B.*—The position of the following genera is doubtful.]

Genus **Tipha.**

4876. TIPHA IRRORELLA.

Tipha irrorella, Walsingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 9, ♂, (1887).

Ceylon.

4877. TIPHA TINCTELLA.

Tipha tinctella, Walshingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 11, (1887).

Ceylon.

Genus **Binsitta.**

4878. BINSITTA NIVIFERANA.

Binsitta niviferana, Walker, Cat. Lep. Het. B. M. xxix, p. 832, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670; and 1877, p. 623.
——————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
Collection Swinhoe, Solun, Calcutta, Bombay.
Also recorded from the Andaman Islands.

Genus **Ippa.**

4879. IPPA VACIVELLA.

Ippa vacivella, Walker, Cat. Lep. Het. B. M. xxix, p. 781, (1864).

N. India.

Genus **Gerontha.**

4880. GERONTHA CAPTIOSELLA.

Gerontha captiosella, Walker, Cat. Lep. Het. B. M. xxix, p. 782, (1864).
——————— Moore, Lep. Ceyl. iii, p. 521, (1887).

Ceylon.

Genus **Davendra.**

4881. DAVENDRA FLAVIBASA.

Davendra flavibasa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887).

Darjiling.

4882. DAVENDRA MACKWOODII.

Davendra mackwoodii, Moore, Lep. Ceyl. iii, p. 520, pl. 211, fig. 13, ♀, (1887).

Ceylon.

Genus **Timyra.**

4883. TIMYRA CINGALENSIS.

Timyra cingalensis, Walsingham, in Moore's Lep. Ceyl. iii, p. 522, pl. 209, fig. 12, (1887).

Ceylon.

4884. TIMYRA PHYCISELLA.

Timyra phycisella, Walker, Cat. Lep. Het. B. M. xxix, p. 783, ♂, (1864).
——————— Moore, Lep. Ceyl. iii, p. 522, (1887).
Uipsa perionella, Walker, *loc. cit.* xxix, p. 828, ♀, (1864).

Ceylon.

Genus **Onebala.**

4885. ONEBALA BLANDIELLA.

Onebala blandiella, Walker, Cat. Lep. Het. B. M. xxix, p. 792, (1864).
——————— Moore, Lep. Ceyl. iii, p. 514, (1887).

Ceylon.

Genus **Gaphara.**

4886. GAPHARA RECITATELLA.

Gaphara recitatella, Walker, Cat. Lep. Het. B. M. xxix, p. 794, (1864).
——————— Moore, Lep. Ceyl. iii, p. 515, (1887).

Ceylon.

Genus **Ficulea.**

4887. FICULEA BLANDULELLA.

Ficulea blandulella, Walker, Cat. Lep. Het. B. M. xxix, p. 795, (1864).
——————— Moore, Lep. Ceyl. iii, p. 515, (1887).
Ceylon.

Genus **Frisilia.**

4888. FRISILIA NESCIATELLA.

Frisilia nesciatella, Walker, Cat. Lep. Het. B. M. xxix, p. 796, (1864).
——————— Moore, Lep. Ceyl. iii, p. 516, (1887).
Ceylon.

Genus **Decuaria.**

4889. DECUARIA MENDICELLA.

Decuaria mendicella, Walker, Cat. Lep. Het. B. M. xxix, p. 797, (1864).
——————— Moore, Lep. Ceyl. iii, p. 518, (1887).
Ceylon.

Genus **Gæsa.**

4890. GÆSA DECUSELLA.

Gæsa decusella, Walker, Cat. Lep. Het. B. M. xxix, p. 804, (1864).
——————— Moore, Lep. Ceyl. iii, p. 518, (1887).
Ceylon.

Genus **Tipasa.**

4891. TIPASA BASALIELLA.

Tipasa basaliella, Walker, Cat. Lep. Het. B. M. xxix, p. 805, (1864).
——————— Moore, Lep. Ceyl. iii, p. 523, (1887).
Ceylon.

Genus **Gasmara.**

4892. GASMARA CŒLATELLA.

Gasmara cœlatella, Walker, Cat. Lep. Het. B. M., xxx, p. 1040, (1864).
——————— Moore, Lep. Ceyl. iii, p. 523, (1887).
Ceylon.

Genus **Gargela.**

4893. GARGELA SUBPURELLA.

Gargela subpurella, Walker, Cat. Lep. Het. B. M. xxix, p. 815, (1864).
——————— Moore, Lep. Ceyl. iii, p. 523, (1887).
Ceylon.

Genus **Thisizima.**

4894. THISIZIMA CERATELLA.

Thisizima ceratella, Walker, Cat. Lep. Het. B.M. xxix, p. 820, (1864).
India.

Genus **Cyme.**

4895. CYME ORBICULARIS.

Cyme (?) orbicularis, Felder & R. Reise, Novara, pl. 140, fig. 27, ♀, (1875).
Syme orbicularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 623.

Nicobar and Andaman Islands.

Genus **Sagora.**

4896. SAGORA RUTILELLA.

Sagora rutilella, Walker, Char. Undescr. Lep. Het., p. 101, (1869).
———— Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237, (1884).

Benares.

Genus **Nosymna.**

4897. NOSYMNA REPLETELLA.

Nosymna repletella, Walker, Cat. Lep. Het. B.M. xxix, p. 831, (1864).
———— Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237, (1884).

Nemotha (Cachar), Borneo.

Sub-Family DEPRESSARIINÆ.

Genus **Depressaria.**

4898. DEPRESSARIA ANGUSTA.

Depressaria angusta, Walsingham, in Moore's Lep. Ceyl. iii, p. 508, pl. 209, fig. 5, (1887).

Ceylon.

4899. DEPRESSARIA CONTINCTELLA.

Depressaria continctella, Walker, Cat. Lep. Het. B.M. xxix, p. 565, (1863).

India.

4900. DEPRESSARIA GOSSYPIELLA.

Depressaria gossypiella, Saunders, Trans. Ent. Soc. (1) iii, p. 285, (1842).

Collection Swinhoe, Cawnpore (?)
Also recorded from Broach, where it has proved destructive to cotton.

4901. DEPRESSARIA RICINI.

Depressaria ricini, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 115, (1858-61).
———— Walker, Cat. Lep. Het. B.M. xxix, p. 564, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4902. Depressaria ricinella.

Depressaria ricinella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 116, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 565, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4903. Depressaria stygmella.

Depressaria stygmella, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).
———— 2nd Yark. Miss. Lep., p. 17, (1879).

Kashgar.

4904. Depressaria swinhoei.

Depressaria swinhoei, Butler, Proc. Zool. Soc. Lond. 1883, p. 174.
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.

Collection Swinhoe, Mhow, Poona.

4905. Depressaria zizyphi.

Depressaria zizyphi, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 115, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 564, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Sub-Family CRYPTOLECHIINÆ.

Genus **Cryptolechia.**

4906. Cryptolechia diluticornis.

Cryptolechia diluticornis, Walsingham, in Moore's Lep. Ceyl. iii, p. 519, pl. 209, fig. 7, (1887).

Ceylon.

4907. Cryptolechia intermedia.

Cryptolechia intermedia, Felder & R. Reise, Novara, pl. 139, fig. 13, ♂, (1875).
———— Moore, Lep. Ceyl. iii, p. 519, (1887).

Ceylon.

4908. Cryptolechia palpalis.

Cryptolechia palpalis, Zeller, Hor. Ent. Ross. xiii, p. 275, (1877).*

Bengal.

4909. Cryptolechia spilotella.

Cryptolechia spilotella, Walker, Cat. Lep. Het. B. M. xxix, p. 746, (1864).
———— Moore, Lep. Ceyl. iii, p. 519, (1887).

Ceylon.

4910. Cryptolechia tripustulata.

Cryptolechia tripustulata, Walsingham, in Moore's Lep. Ceyl. iii, p. 520, pl. 209, fig. 8, (1887).

Ceylon.

Sub-Family Œcophorinæ.

Genus **Psecadia.**

4911. Psecadia ermineella.

Psecadia ermineella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl. 12, fig. 7.

Dharmsala.

4912. Psecadia hockingella.

Psecadia hockingella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl. 12, figs. 8, 9, 9*a*.

Collection Swinhoe, Dharmsala, Kulu.

Genus **Œcophora.**

4913. Œcophora subganomella.

Œcophora subganomella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 119, (1858-61).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

[*N.B.*—The position of the following genera is doubtful.]

Genus **Atteva.**

4914. Atteva impariguttella.

Œeta impariguttella, Zeller, Horæ Ent. Soc. Ross. 1877, p. 224, pl. 3, fig. 77.*
Atteva impariguttella, Moore, Lep. Ceyl. iii, p. 505, pl. 209, fig. 2, (1887).

Ceylon.

4915. Atteva niveigutta.

Atteva niveigutta, Walker, Cat. Lep. Het. B. M. ii, p. 526, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Collection Swinhoe, Sylhet.

4916. Atteva niveiguttella.

Corinea niveiguttella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).
Atteva niveiguttella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Ceylon, Java, Australia.

4917. ATTEVA PULCHELLA.

Atteva pulchella, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).

India.

Genus **Azinis.**

4918. AZINIS ASSAMENSIS.

Hyponomeuta assamensis, Butler, Trans. Ent. Soc. Lond. 1879, p. 6.
Azinis assamensis, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Cachar, Punjab.

4919. AZINIS HILARELLA.

Azinis hilarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).
———— Moore, Lep. Ceyl. iii, p. 506, pl. 209, fig. 3, (1887).

Collection Swinhoe, Ceylon.

Genus **Theoxenia.**

4920. THEOXENIA PENICILLATA.

Theoxenia penicillata, Walsingham, in Moore's Lep. Ceyl. iii, p. 506, pl. 209, fig. 4, ♂, (1887).

Collection Swinhoe, Ceylon.

Sub-Family GLYPHYPTERYGINÆ.

Genus **Glyphypteryx.**

4921. GLYPHYPTERYX APPARITELLA.

Glyphypteryx apparitella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).
———— Moore, Lep. Ceyl. iii, p. 524, (1887).

Ceylon.

4922. GLYPHYPTERYX SCITULELLA.

Glyphypteryx scitulella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).
———— Moore, Lep. Ceyl. iii, p. 524, (1887).

Ceylon.

Sub-Family GRACILARINÆ.

Genus **Gracilaria.**

4923. GRACILARIA AURICILLA.

Gracilaria (?) auricilla, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 120, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4924. Gracilaria coffeifoliella.

Gracilaria coffeifoliella, Nietner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24, (1861).*
———————— *loc. cit.*, new ed., p. 16, (1880).
———————— Moore, Lep. Ceyl. iii, p. 525, (1887).

Ceylon.

4925. Gracilaria falcatella.

Gracilaria (?) falcatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 121, (1858-61).
———————— Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4926. Gracilaria gemoniella.

Gracilaria gemoniella, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 297, pl. 10, fig. 6, (1862-64).
———————— Walker, Cat. Lep. Het. B. M. xxx, p. 854, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4927. Gracilaria nitidula.

Gracilaria nitidula, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 299, pl. 10, fig. 9, (1862-64).
———————— Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4928. Gracilaria quadrifasciata.

Gracilaria quadrifasciata, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 295, pl. 10, fig. 5, (1862-64).
———————— Walker, Cat. Lep. Het. B.M. xxx, p. 854, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4929. Gracilaria resplendens.

Gracilaria resplendens, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 294, pl. 10, fig. 4, (1862-64).
———————— Walker, Cat. Lep. Het. B.M., xxx, p. 854, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4930. Gracilaria terminaliæ.

Gracilaria terminaliæ, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 298, pl. 10, fig. 8, (1862-64).
———————— Walker, Cat. Lep. Het. B.M. xxx, p. 854, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4931. GRACILARIA USTULATELLA.

Gracilaria (?) ustulatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 121, (1858-61).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 855, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Genus **Coriscium.**

4932. CORISCIUM ORIENTALE.

Coriscium orientale, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 301, (1854-56).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 859, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Genus **Ornix.**

4933. ORNIX ALBIFRONS.

Ornix (?) albifrons, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 861, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Sub-Family LAVERNINÆ.

Genus **Laverna.**

4934. LAVERNA MIMOSÆ.

Laverna (?) mimosæ, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 126, (1858-61).

India.

Sub-Family ELACHISTINÆ.

Genus **Butalis.**

4935. BUTALIS TRIOCELLATA.

Butalis triocellata, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 120, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 1035, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Genus **Cosmopteryx.**

4936. COSMOPTERYX ÆNEELLA.

Cosmopteryx æneella, Stainton, Trans. Ent. Soc. Lond. v, new ser, p. 124, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

4937. Cosmopteryx asiatica.

Cosmopteryx asiatica, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

4938. Cosmopteryx semicoccinea.

Cosmopteryx semicoccinea, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 123, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1042, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

[*N. B.*—The position of the following genera is doubtful.]

Genus **Eretmocera.**

4939. Eretmocera impactella.

Gelechia (?) impactella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1864).
Eretmocera impactella, Moore, Lep. Ceyl. iii, p. 514, pl. 209, fig. 10, (1887).

N. India, Ceylon.

Genus **Atkinsonia.**

4940. Atkinsonia clerodendronella.

Atkinsonia clerodendronella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 125, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 900, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Genus **Lozostoma.**

4941. Lozostoma flavofasciata.

Lozostoma flavofasciata, Stainton, Trans. Ent. Soc. Lond., v, new ser., p. 124, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1041, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4942. Lozostoma semisulphurea.

Lozostoma semisulphurea, Stainton, Trans. Ent. Soc. Lond, v., new ser., p. 125, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1041, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Sub-Family LITHOCOLLETINÆ.

Genus **Lithocolletis**.

4943. LITHOCOLLETIS BAUHINIÆ.

Lithocolletis bauhiniæ, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 303, (1854-56).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 911, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Sub-Family LYONETINÆ.

Genus **Phyllocnistis**.

4944. PHYLLOCNISTIS CITRELLA.

Phyllocnistis citrella, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 302, (1854-56).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1043, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Genus **Opogona**.

4945. OPOGONA FUMICEPS.

Opogona fumiceps, Felder & R. Reise, Novara, pl. 139, fig. 8, ♂, (1875).
———— Moore, Lep. Ceyl. iii, p. 526, (1887).

Ceylon.

[*N. B.*—The position of the following genus is doubtful.]

Genus **Cachura**.

4946. CACHURA OBJECTELLA.

Cachura objectella, Walker, Cat. Lep. Het. B. M. xxx, p. 918, (1864).
———— Moore, Lep. Ceyl. iii, p. 526, (1887).

Ceylon.

ADDENDA.

Family SPHINGIDÆ.

4A. Hemaris simillima.

Hemaris simillima, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Kangra Valley.
Allied to *H. fuciformis*.

7. Rhopalopsyche bifasciata.

Collection Swinhoe, Nilgiri Hills.

10. Macroglossa insipida.

Collection Swinhoe, Nilgiri Hills.

11. Macroglossa affictitia.

Collection Swinhoe, Nilgiri Hills.

12. Macroglossa vialis.

Collection Swinhoe, Nilgiri Hills.

15. Macroglossa fervens.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

19. Macroglossa luteata.

Collection Swinhoe, Andaman Islands.

25. Macroglossa gilia.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

32. Macroglossa rectifascia.

Collection Swinhoe, Nilgiri Hills.

49. Ampelophaga fasciosa.

Ampelophaga fasciosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Dharmsala.

Genus **Dahira.**

61A. DAHIRA RUBIGINOSA.

Dahira rubiginosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Mundi (N.-W. Himalayas).

65. PANACRA AUTOMEDON.

In Phayre Museum (Rangoon) from Pegu.

69. PANACRA VARIOLOSA.

Collection Swinhoe, Sikkim.

77. CYPA INCONGRUENS.

Collection Swinhoe, Sikkim.

83. CHŒROCAMPA ALECTO.

Collection Swinhoe, Ceylon.

84. CHŒROCAMPA ELEGANS.

Collection Swinhoe, Rangoon.

86. CHŒROCAMPA RAFFLESII.

Collection Swinhoe, Nilgiri Hills.

92. CHŒROCAMPA PUELLARIS.

Collection Swinhoe, Solun (Simla).

93. CHŒROCAMPA SILHETENSIS.

Collection Swinhoe, Sikkim.
In Phayre Museum (Rangoon) from Pegu.

95. CHŒROCAMPA LUCASII.

Collection Swinhoe, Rangoon.

96. CHŒROCAMPA TENEBROSA.

Collection Swinhoe, Andaman Islands.

102. CHŒROCAMPA MINOR.

Collection Swinhoe, Darjiling.

107. CHŒROCAMPA EROTUS.

Collection Swinhoe, Andaman Islands.

110. DEILEPHILA LATHYRUS.

Collection Swinhoe, Kumaon.

113. DAPHNIS HYPOTHËUS.

Collection Swinhoe, Andaman Islands.

115. DAPHNIS BHAGA.

Collection Swinhoe, Sikkim.

122. AMBULYX SERICEIPENNIS.

Collection Swinhoe, Andaman Islands.

127A. AMBULYX PLACIDA.

Ambulyx placida, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.
N.-W. Himalayas.
Allied to *A. sericeipennis*.

132. POLYPTICHUS DENTATUS.

Collection Swinhoe, Poona, Belgaum, Bombay, Mhow, Karachi.

133. POLYPTICHUS TIMESIUS.

Collection Swinhoe, Sikkim.

133A. POLYPTICHUS TRILINEATUS.

Polyptichus trilineatus, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.
Dharmsala.
Allied to *P. dentatus* and *P. timesius*.

134. LEUCOPHLEBIA ROSACEA.

Collection Swinhoe, Nilgiri Hills.

172. PSEUDOSPHINX FO.

Collection Swinhoe, Sikkim.

GROUP BOMBYCES.

FAMILY ÆGERIDÆ.

188. SPHECIA CONTRACTA.

Collection Swinhoe, Sibsaghar.

192. ÆGERIA ALTERNA.

Collection Swinhoe, Rangoon.

196. MELITTIA BOMBYLIFORMIS.

Collection Swinhoe, Rangoon.

199A. MELITTIA KULLUANA.

Melittia kulluana, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Kulu.
Allied to *M. nepcha*.

208. SCIAPTERON SIKKIMA.

Collection Swinhoe, Rangoon.

FAMILY ZYGÆNIDÆ.

221. SYNTOMIS ARTINA.

Collection Swinhoe, Nilgiri Hills.

223. SYNTOMIS ATKINSONI.

Collection Swinhoe, Mergui, Rangoon.

237. SYNTOMIS EXTENSA.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

240. SYNTOMIS GEORGINA.

Collection Swinhoe, Travancore.

241. SYNTOMIS GODARTI.

Collection Swinhoe, Nilgiri Hills.

252A. SYNTOMIS MINOR.

Syntomis minor, Warren, Proc. Zool. Soc. Lond. 1888, p. 294.
Collection Swinhoe, Abbottabad (Punjab).

274. ERESSA MUSA.

Collection Swinhoe, Alibagh.

275. ERESSA SUBAURATA.

Collection Swinhoe, Calcutta.

276. Dysauxes indica.

I. M., Calcutta.

283A. Euchromia fraterna.

Euchromia fraterna, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.
———————, Trans. Ent. Soc. Lond. 1888, p. 114.

Moulmein.

299. Artona zebraica.

Collection Swinhoe, Rangoon.

Family AGARISTIDÆ.

310. Eusemia albomarginata.

Collection Swinhoe, Andaman Islands.

314. Eusemia basalis.

Collection Swinhoe, Sikkim.

324. Eusemia maculatrix, *var.*

Collection Swinhoe, North Kanara, Nilgiri Hills.

337. Eusemia vulcania.

Collection Swinhoe, Prome (Burma).

345. Ægocera bimacula.

Collection Swinhoe, North Kanara.

347. Ægocera tripartita.

Collection Swinhoe, Thyetmyo (Burma).

Family CHALCOSIIDÆ.

356. Epicopeia philenora.

Collection Swinhoe, Darjiling.

360. Philopator basimaculata.

Collection Swinhoe, Sikkim.

361. Cadphises maculata.

Collection Swinhoe, Sikkim.

389. Heterusia virescens.

Collection Swinhoe, Nilgiri Hills.

418. Epyrgis imitans.

Collection Swinhoe, Karen Hills.

420. Epyrgis parvula.

Collection Swinhoe, Nilgiri Hills.

451. Chelura bifasciata.

I. M., Naini Tal.

458. Thymara caudata.

Collection Swinhoe, Nilgiri Hills.

Family NYCTEMERIDÆ.

462. Nyctemera coleta.

Collection Swinhoe, Rangoon.

469. Pitasila varians.

Collection Swinhoe, Rangoon, Andaman Islands.

471. Trypheromera plagifera.

Collection Swinhoe, Nilgiri Hills.

472. Leptosoma latistriga.

Collection Swinhoe, Bassein, (Burma), Rangoon.

478. Curoba sangarida.

Collection Swinhoe, Nilgiri Hills.

Family CALLIDULIDÆ.

480. Callidula anchora.

Callidula anchora, Moore, Proc. Zool. Soc. Lond. 1888, p. 392

Family PSYCHIDÆ.

Genus **Psyche.**

491A. Psyche longicauda.

Psyche longicauda, Warren, Proc. Zool. Soc. Lond. 1888, p. 299.
Cambpellpur (Punjab).

Genus **Akesina.**

491B. Akesina basalis.

Akesina basalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 396.
Dharmsala.

Genus **Barandra.**

491C. Barandra fumata.

Barandra fumata, Moore, Proc. Zool. Soc. Lond. 1888, p. 396.
Dharmsala.

496A. Mahasena hockingii.

Mahasena hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 397.
Dharmsala.

Genus **Dasaratha.**

497A. Dasaratha himalayana.

Dasaratha himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 397.
Dharmsala.

Family NYCTEOLIDÆ.

502A. Earias sulphuraria.

Earias sulphuraria, Moore, Lep. Ceyl. iii, p. 490, pl. 208, fig. 10, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Family LITHOSIIDÆ.

Sub-Family HYPSINÆ.

520. Hypsa lacteata.

Collection Swinhoe, Rangoon.

528. Damalis alciphron.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

550. Digama insulana.

Collection Swinhoe, Nilgiri Hills.

551. Digama marchalli.

Collection Swinhoe, Nilgiri Hills.

Sub-Family LITHOSIINÆ.

593. Capissa pallens.

Collection Swinhoe, Kurseong.

624. Brunia antica.

I. M., Calcutta.
Collection Swinhoe, Bombay, Thanna.

639A. Rœselia angulata.

Rœselia angulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmsala.

639B. Rœselia fraterna.

Rœselia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Kulu.

640A. Rœselia scripta.

Rœselia scripta, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmsala.

643. Nepita anila.

I. M., Ranchi.

648. Nepita ochracea.

Collection Swinhoe, North Kanara.

649. Nepita semifascia.

Collection Swinhoe, Nilgiri Hills.

619A. Setina calamaria.

Setina calamaria, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Palampore.

676. Lyclene artocarpi.

Collection Swinhoe, Calcutta.

706. Barsine rubricosa.

Collection Swinhoe. Nilgiri Hills.

710A. Æmene inconstans.

Æmene inconstans, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmsala.

711A. Æmene sagittifera.

Æmene sagittifera, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Dharmsala.

715. Æmene taprobanis.

I. M., Ranchi.
Collection Swinhoe, Nilgiri Hills.

733. Pentacitrotus vulneratus.

Pentacitrotus vulneratus, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 295.
Thundiani (Punjab).

741. Argina argus.

Collection Swinhoe, Nilgiri Hills.

749. Argina syringa.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

Family ARCTIIDÆ.

759A. Spilosoma sangaica.

Spilosoma sangaica, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864).
——— Warren, Proc. Zool. Soc. Lond. 1888, p. 296.
Murree, China.

762. Phissama transiens.

Collection Swinhoe, Nilgiri Hills, Rangoon.

765. Rhodogastria fraterna.

Collection Swinhoe, Karachi.

770. Thyrgorina spilosomata.

Thyrgorina spilosomata, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 297.

Abbottabad (Punjab).

771. Buccœa simplex.

Collection Swinhoe, Khandalla, North Kanara.

773. Tinolius eburneigutta.

Collection Swinhoe, Rangoon, Andaman Islands.

774. Pharetra consanguis.

Collection Swinhoe, Solun (Simla), Rangoon.

784. Glanycus insolitus.

Collection Swinhoe, Sikkim.

785. Glanycus tricolor.

Collection Swinhoe, Darjiling.

791. Rajendra khandalla.

Collection Swinhoe, Khandalla, Nilgiri Hills.

795. Rajendra sipahi.

Collection Swinhoe, Bombay, Mahableshwar.

797. Rajendra vittata.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

800. Hypercompa flavicolor.

Collection Swinhoe, Dras.

829. Spilarctia casigneta.

Collection Swinhoe, Nilgiri Hills.

830. Spilarctia confusa.

Collection Swinhoe, Nilgiri Hills.

830A. Spilarctia dalbergiæ.

Spilarctia dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.
Dharmsala.
Allied to *S. stigmata*.

837. SPILARCTIA INDICA.

Collection Swinhoe, Nilgiri Hills.

843A. SPILARCTIA SAGITTIFERA.

Spilarctia sagittifera, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.
Dharmsala.
Allied to *S. casigneta*.

848. SPILARCTIA TODARA.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

855A. CHALLA QUADRIMACULATA.

Challa quadrimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 395.
Palampore.
Allied to *C. bimaculata*.

861A. ICAMBOSIDA DORSALIS.

Icambosida dorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.
Dharmsala.

FAMILY LIPARIDÆ.

878A. CHARNIDAS AURANTIACA.

Charnidas aurantiaca, Warren, Proc. Zool. Soc. Lond. 1888, p. 296.
Attock.

880. CHARNIDAS LITURA.

Collection Swinhoe, Kasaoli, Kulu.

882. CHARNIDAS PLANA.

Collection Swinhoe, Calcutta, Nilgiri Hills.

884. CHARNIDAS SUBNOTATA.

Collection Swinhoe, Ceylon.

898. GENUSA TERMINATA.

Collection Swinhoe, Karen Hills.

902. Artaxa apicalis.

Collection Swinhoe, Nilgiri Hills.

908. Artaxa digramma.

I. M., Ranchi.
Collection Swinhoe, Ceylon.

918. Artaxa subfasciata.

Collection Swinhoe, Nilgiri Hills.

918A. Artaxa sulphurescens.

Artaxa sulphurescens, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.
Dharmsala.
Allied to *A. trifasciata*.

921. Artaxa varians.

Collection Swinhoe, Nilgiri Hills.

924. Somena scintillans.

In Phayre Museum (Rangoon), from Rangoon.

930. Porthesia subdita.

Collection Swinhoe, Travancore.

932A. Euproctis abdominalis.

Euproctis abdominalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.
Dharmsala.
Allied to *E. postica*.

950. Euproctis postica.

Collection Swinhoe, Poona, Nilgiri Hills.

969. Chærotricha marginata.

Collection Swinhoe, Kurseong.

979A. Dasychira dalbergiæ.

Dasychira dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.
Dharmsala, Masuri.
Allied to *D. inclusa*.

983. Dysachira kausalia.

I. M., Ranchi.

1003. LYMANTRIA BEATRIX.

I. M., Ranchi.

1004A. LYMANTRIA CARNECOLOR.

Lymantria carnecolor, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.

Dharmsala.
Allied to *L. concolor*.

1012A. LYMANTRIA NIGRA.

Lymantria nigra, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.
Kangra Valley.
Allied to *L. beatrix* and *L. pusilla*.

1030. ENOME INCERTA.

Collection Swinhoe, Nilgiri Hills.

1031. PSEUDOMESA QUADRIPLAGIATA.

Collection Swinhoe, Sikkim.

1053. REDOA LACTEA.

Collection Swinhoe, Nilgiri Hills.

1069A. PROCODECA UMBRINA.

Procodeca umbrina, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.
Kulu.

Genus **Lachana**.

1071A. LACHANA LADAKENSIS.

Lachana ladakensis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.
Ladak.

FAMILY NOTODONTIDÆ.

Sub-Family CAREINÆ.

1114. SYBRIDA INORDINATA.

Collection Swinhoe, Sikkim.

1118. DABARITA SUBTILIS.

Collection Swinhoe, North Kanara.

1120. Carea obsolescens.

Collection Swinhoe, Mahableshwar, Purundhur, Nilgiri Hills.

Sub-Family DICRANURINÆ.

1124. Cerura himalayana.

Cerura Himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmsala.

1130A. Stauropus berberisæ.

Stauropus berberisæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmsala, Umballa.

Sub-Family NOTODONTINÆ.

1139. Sphetta apicalis.

Collection Swinhoe, Sikkim.

1164. Lophopteryx saturata.

Collection Swinhoe, Kurseong.

1168A. Heterocampa basistriga.

Heterocampa basistriga, Moore, Proc. Zool. Soc. Lond. 1888, p 400.
Dharmsala.

Genus Varmina.

1177. Varmina indica.

Varmina indica, Moore, Proc. Zool. Soc. Lond. 1888, p. 405.
Dharmsala, Umballa.

1182. Pydna fasciata.

Collection Swinhoe, Sikkim.

1195. Ichthyura fulgurita.

Collection Swinhoe, Nilgiri Hills.

1198. Ingura cristatrix.

Collection Swinhoe, Andaman Islands.

1207A. Pheosia fasciata.

Pheosia fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmsala.

1215. Netria viridescens.

Collection Swinhoe, Sikkim.

Sub-Family CALPINÆ.

1218. Calpe bicolor.

Collection Swinhoe, Sikkim.

1222. Calpe orthograpta.

Collection Swinhoe, Darjiling.

1225. Oræsia emarginata.

Collection Swinhoe, Rangoon, Nilgiri Hills.

1233. Ambadra ernestina.

I. M., Ranchi.
Collection Swinhoe, Calcutta.

Family DREPANULIDÆ.

1238A. Drepana hyalina.

Drepana hyalina, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmsala.

1238B. Drepana lilacina.

Drepana lilacina, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmsala.

1242A. Drepana simillima.

Drepana simillima, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.
Dharmsala.
Allied to *D. lilacina*.

1258A. Argyris cinerea.

Argyris cinerea, Butler, Proc. Zool. Soc. Lond. 1886, p. 387, pl. 35, fig. 3.
Problepis cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 298.
Campbellpur (Punjab).

1259. Argyris deliaria.

Collection Swinhoe, Nilgiri Hills.

Family LIMACODIDÆ.

1278. Natada rufescens.

Collection Swinhoe, Rangoon.

1280A. Parasa bandura.

Parasa bandura, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 *a*, fig. 9, (1859).

Collection Swinhoe, Rangoon.
Also recorded from Java.

1281. Parasa bicolor.

Collection Swinhoe, Bassein (Burma).

1282A. Parasa hockingii.

Parasa hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Kangra Valley.

1284. Parasa læta.

Collection Swinhoe, Thyetmyo (Burma), Poona, Nilgiri Hills.

1286A. Parasa læsa.

Parasa læsa, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 *a*, fig. 12, ♀, (1859)
Collection Swinhoe, Thyetmyo (Burma).
Also recorded from Java.

1290. Parasa repanda.

Collection Swinhoe, Sibsagar.

1296A. Aphendala fasciata.

Aphendala fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Dharmsala.

1304. Susica signata.

Collection Swinhoe, Ceylon.

1305. Miresa albipuncta.

Collection Swinhoe, Poona.

1315A. Miresa quadrinotata.

Miresa quadrinotata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Kangra, Kulu.

1315B. Mirosa suffusa.

Miresa suffusa, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Dharmsala.

1318. Narosa adala.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

Family LASIOCAMPIDÆ.

1346. Ganisa plana.

I. M., Sikkim.

1347. Ganisa postica.

Collection Swinhoe, North Kanara.

1351. Apona plumosa.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

1352. Apona shevaroyensis.

Collection Swinhoe, Nilgiri Hills.

1381. Eupterote diabolica.

Collection Swinhoe, Khandalla, Poona.

1385A. Eupterote fraterna.

Eupterote fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
Dharmsala.
Allied to *E. invalida*.

1392. Eupterote lativittata.

Collection Swinhoe, North Kanara.

1394. Eupterote mollifera.

Collection Swinhoe, Nilgiri Hills.

1403. Eupterote similis.

I. M., Calcutta.

1413. Spalyria adolphei.

Collection Swinhoe, Nilgiri Hills.

1414. Spalyria collaris.

Collection Swinhoe, Nilgiri Hills.

1423. Sangatissa citrinulla.

Collection Swinhoe, Nilgiri Hills.

1438. Nisaga simplex.

Collection Swinhoe, Nilgiri Hills.

1440. Lenodora fasciata.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

1444. Lenodora vittata.

I. M., Nilgiri Hills.
Collection Swinhoe, Raipur (Central Provinces), Nilgiri Hills.

1499A. Estigena pardale.

Estigena pardale, Moore, Cat. Lep. E. I. C. ii, p. 426, pl. 13 *a*, fig. 1, ♂, 1 *a*, ♀, (1859).

I. M., Andaman Islands (Wimberley).
Also recorded from Java.

1499B. Taragama castanoptera.

Taragama castanoptera, Moore, Proc. Zool. Soc. Lond. 1888, p. 404.

Kangra Valley.
Allied to *T. Ganesa*.

1500. Taragama ganesa.

I. M., Morshidabad.

1508. Suana concolor.

Collection Swinhoe, Mahableshwar.

Genus **Bhima**.

1509. *For* Pœcilocampa undulosa, *read* Bhima undulosa.

Moore, Proc. Zool. Soc. Lond. 1888, p. 404.

Dharmsala.

Family PHALERIDÆ.

1527. Ramesa tosta.

Collection Swinhoe, Pyentaza (Burma).

Family SATURNIIDÆ.

1538. Attacus edwardsii.

Collection Swinhoe, Kurseong.

1446A. Saturnia hockingii.

Saturnia hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.
Kulu.
Allied to *S. grotei*.

1550A. Saturnia royi.

Saturnia royi, Elwes, Proc. Zool. Soc. Lond. 1887, p. 447.
Tonglo (Sikkim).

1556. Löepa sikkima.

Collection Swinhoe, Rangoon.

1560A. Antheræa fraterna.

Antheræa fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.
Kasaoli, Kangra.
Allied to *A. savalica*.

1564. Antheræa mylitta.

Collection Swinhoe, Central India.

1575. Rhodia newara.

Collection Swinhoe, Sikkim.

Family COSSIDÆ.

1585. Zeuzera albofasciata.

Collection Swinhoe, Kulu.

1597. Zeuzera signata.

Collection Swinhoe, Sikkim.

1601. Phragmatœcia minor.

In Phayre Museum (Rangoon), from Bhamo.

Family HEPIALIDÆ.

1616. Phassus albofasciatus.

Collection Swinhoe, Nilgiri Hills.

1619. Phassus malabaricus.

Collection Swinhoe, Nilgiri Hills.

Group NOCTUES.

Family CYMATOPHORIDÆ.

1624A. Thyatira cognata.

Thyatira cognata, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
——— Warren *loc. cit.*, p. 299.

Kangra, Kala Pani (Punjab).
Allied to *T. batis*.

1628. Gaurena florens.

Collection Swinhoe, Kurseong.

1629A. Habrosyne fraterna.

Habrosyne fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.

Kangra.
Allied to *H. Indica*.

1637. Risoba obstructa.

Collection Swinhoe, Rangoon, Raipur (Central Provinces), Calcutta.

1641. Kerala multipunctata.

Collection Swinhoe, Kurseong.

1642A. Palimpsestis albidisca.

Palimpsestis albidisca, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Polyploca albidisca, Warren, Proc. Zool. Soc. Lond. 1888, p. 299.

Kangra, Beham Gulley (Punjab).

1644B. Palimpsestis dubia.

Polyploca dubia, Warren, Proc. Zool. Soc. Lond. 1888, p. 300.
Handar (Punjab).

1644C. Palimpsestis orbicularis.

Palimpsestis orbicularis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.

1644D. Palimpsestis renalis.

Palimpsestis renalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.

Genus **Asphalia**.

1644E. Asphalia cinerea.

Asphalia cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 300.
Thundiani (Punjab).

Family LEUCANIIDÆ.

1659A. Leucania bifasciata.

Leucania bifasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.
Allied to *L. griseofasciata*.

1667. Leucania decissima.

Collection Swinhoe, Nilgiri Hills.

1674. Leucania extranea.

Collection, Swinhoe, Nilgiri Hills, Calcutta.

1677A. Leucania irrorata.

Leucania irrorata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

1685. Leucania percisa.

Leucania percisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.

1705A. Aletia exanthemata.

Aletia exanthemata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.

1705B. Aletia fraterna.

Aletia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.
Allied to *A. albicosta*.

1708. Aletia rudis.

Aletia rudis, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Kangra.

1712. Axylia fasciata.

Collection Swinhoe, Nilgiri Hills.

1715A. Axylia triseriata.

Axylia triseriata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

1716A. Tympanistes rubridorsalis.

Tympanistes rubridorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

Family HELIOTHIDÆ.

1723. Dorika sanguinolenta.

Collection Swinhoe, Nilgiri Hills.

1726A. Pradatta bimaculata.

Pradatta bimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Dharmsala.

1727. Pradatta bivittata.

Collection Swinhoe, Poona, Nilgiri Hills.

1738. Heliothis succinea.

In Mr. Lindsay's Collection from Nilgiri Hills.

1747. Adisura leucanioides.

Collection Swinhoe, Nilgiri Hills.

1755A. Masalia tosta.

Masalia tosta, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Dharmsala.

Family BOMBYCOIDÆ.

1760A. Diphtera fasciata.

Diphtera fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Kangra.

1765A. Plataplecta scotochlora.

Polia scotochlora, Kollar, Hüg. Kasch, p. 482, (1848).
Plataplecta scotochlora, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Thundiani (Punjab).

1770A. Triæna denticulata.

Triæna denticulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Kangra.

1771. Triæna maxima.

Collection Swinhoe, Kulu, Rangoon.

1772A. Karana similis.

Karana similis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.
Allied to *K. decorata*.

1773A. Hyboma divisa.

Hyboma divisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

Family THYRIDIDÆ.

Genus **Thyridiphora.**

1773B. Thyridiphora fenestrata.

Thyridiphora fenestrata, Warren, Proc. Zool. Soc. Lond. 1888, p. 311.
Campbellpur (Punjab).

Family BRYOPHILIDÆ.

1777A. Bryophila nigrivittata.

Bryophila nigrivittata, Warren, Proc. Zool. Soc. Lond. 1888, p. 301.
Campbellpur (Punjab).

1778. Bryophila nilgiria.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

Family GLOTTULIDÆ.

1782. Chasmina cygnus.

Collection Swinhoe, Nilgiri Hills.

Family ACONTIIDÆ.

1805. Xanthodes flava.

Collection Swinhoe, Nilgiri Hills.

1811. Xanthodes intersepta.

Collection Swinhoe, Rangoon.

1820A. Canna splendens.

Canna splendens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412.
Dharmsala.

1825. Euphasia catena.

Collection Swinhoe, Bombay.

1838A. Acontia lucida.

Phalæna (*Noctua*) *lucida*, Hübn., Berl. Mag. iii, p. 302, 421.
Acontia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Acontia solaris, Treit., Schm. Eur. v, Abh., 3, p. 244.
Punjab, Europe.

1846. Acontia quadripartita.

Collection Swinhoe, Nilgiri Hills.

1866. Tarache tropica.

Collection Swinhoe, Andaman Islands.

Family ANTHOPHILIDÆ.

1896A. Thalpochares triangularis.

Thalpochares triangularis, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Campbellpur (Punjab).

Genus **Metachrostis.**

1902. *For* Leptosia quinaria *read* Metachrostis quinaria.

1902A. METACHROSTIS CONTINGENS.

Metachrostis contingens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412.
Dharmsala.

1903. *For* TIMA MARGARITA *read* TIMA MARGARITATA.

1907. HYELA LATIVITTA.

Collection Swinhoe, Nilgiri Hills.

1910. MARADANA RIVULATA.

Collection Swinhoe, Nilgiri Hills.

1912. PARACRAMA DULCISSIMA.

Collection Swinhoe, Nilgiri Hills.

FAMILY ORTHOSIDÆ.

1915. *Erase* ORTHOSIA EXTERNA.

[See No. 2110A, "APAMIIDÆ."]

FAMILY HADENIDÆ.

1930A. EUROIS VIRENS.

Eurois virens, Butler, Ann. Nat. Hist. 1878, p. 194.
———— Ill. Typ. Lep. Het. B.M. iii, p. 17, pl. 45, fig. 5, (1879).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab), Japan.

1933A. HADENA CHENOPODII.

Phalæna (*Noctua*) *chenopodii*, Gmel., Syst. Nat., i, 5, p. 2543, 1036.*
Hadena chenopodii, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab).

1937. HADENA INDISTANS.

Collection Swinhoe, Nilgiri Hills.

1959A. EUPLEXIA PECTINATA.

Euplexia pectinata, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab).

1967. RADINACRA THORACICA.

Collection Swinhoe, Khandalla.

1975A. Appana cingalesa.

Appana cingalesa, Moore, Lep. Ceyl. iii, p. 548, pl. 214, fig. 6, ♀, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Family NOCTUIDÆ.

1986. Agrotis conspurcata.

I. M., Nilgiri Hills.

1996. Agrotis plagiata.

Collection Swinhoe, Ceylon.

2001. Agrotis suffusa.

Collection Swinhoe, Nilgiri Hills.

Genus Oxira.

2007A. Oxira ochracea.

Oxira ochracea, Walker, Cat. Lep. Het. B.M. xxxii, p. 657.
———— Moore, Lep. Ceyl. iii, p. 23, (1884).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.

Punjab, Ceylon.

2008A. Graphiphora canescens.

Graphiphora canescens, Butler, Ann. Nat. Hist. 1878, i, p. 165.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Cerastis subdolens, Butler, Trans. Ent. Soc. Lond. 1881, pt. ii, p. 181.

Thundiani (Punjab). Collection Swinhoe.
Allied to *G. dahlii* of Europe.

2018A. Graphiphora valida.

Graphiphora valida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 711, (1865).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 305.

Thundiani (Punjab), China.

2022A. Ochropleura denticulata.

Ochropleura denticulata, Warren, Proc. Zool. Soc. Lond. 1888, p. 307.

Thundiani (Punjab).

Family APAMIIDÆ.

2040. Berresa natalis.

Collection Swinhoe, Moulmein, Rangoon, Nilgiri Hills.

2076A. Mamestra nigerrima.

Mamestra nigerrima, Warren, Proc. Zool. Soc. Lond. 1888, p. 302.
Collection Swinhoe, Thundiani (Punjab).
Also from Naini Tal in Colonel Lang's Collection.

2088. Ilattia cephusalis.

Collection Swinhoe, Rangoon.

2099. Perigea centralis.

Collection Swinhoe, Rangoon.

2104. Amyna selenampha.

Collection Swinhoe, Andaman Isles, Moulmein, Rangoon.

2110A. Caradrina externa.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
————————Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Caradrina externa, Warren, Proc. Zool. Soc. Lond. 1888, p. 303.
I. M., Sikkim.
Collection Swinhoe, Kasaoli.
Also recorded from the Punjab.

2110B. Caradrina farinacea.

Caradrina farinacea, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Kangra.

2117. Spodoptera cilium.

Collection Swinhoe, Bassein (Burma), Nilgiri Hills.

2120. Prodenia littoralis.

Collection Swinhoe, Nilgiri Hills.

2122. Laphygma exigua.

Collection Swinhoe, Punjab, Rangoon, Nilgiri Hills.

2130. *Erase* Oxira ochracea.

[See No. 2007A, "Noctuidæ."]

2140. Rhizogramma unilinea.

Collection Swinhoe, Ahmedabad.

Family PLUSIDÆ.

2155. Plusia chrysitina.

Collection Swinhoe, Kipra (Sind), Ceylon, Nilgiri Hills.

2161. Plusia extrahens.

Collection Swinhoe, Nilgiri Hills.

2169. Plusia obtusisigna.

Collection Swinhoe, Nilgiri Hills.

2170. Plusia ochreata.

Collection Swinhoe, Nilgiri Hills.

2177. Plusia signata.

Collection Swinhoe, Rangoon.

2180. Plusia verticillata.

Collection Swinhoe, Andaman Islands, Raipur (Central Provinces), Nilgiri Hills, Rangoon.

2181. Plusiodonta auripicta.

Collection Swinhoe, Rangoon.

2182. Plusiodonta chalsytoides.

Collection Swinhoe, Ceylon, Rangoon.

Family PALINDIDÆ.

2189. Homodes crocea.

Collection Swinhoe, Andaman Islands.

Family EURHIPIDÆ.

2199. Penicillaria jocosatrix.

Collection Swinhoe, Calcutta, Nilgiri Hills.

2201. PENICILLARIA NUGATRIX.

Collection Swinhoe, Andaman Islands.

2210. VARNIA FENESTRATA.

Collection Swinhoe, Sikkim.

FAMILY ERIOPIDÆ.

2219. CALLOPISTRIA EXOTICA.

Collection Swinhoe, Ceylon, Khandalla.

2220. CALLOPISTRIA RECURVATA.

Collection Swinhoe, Rangoon, Nilgiri Hills.

FAMILY GONOPTERIDÆ.

2234. COSMOPHILA XANTHINDYMA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2235. ARTHISMA SCISSURALIS.

Collection Swinhoe, Rangoon, Bhamo (Burma).

FAMILY AMPHIPYRIDÆ.

2256A. AMPHIPYRA FLAVICAUDATA.

Amphipyra flavicaudata, Warren, Proc. Zool. Soc. Lond. 1888, p. 312.
Thundiani (Punjab).

2263. BLENINE ACCIPIENS.

Collection Swinhoe, Rangoon.

2264. BLENINA DONANS.

Collection Swinhoe, Nilgiri Hills.

FAMILY CATOCALIDÆ.

2274. CATOCALA AFGHANA.

Catocala afghana, Swinhoe.
Warren, Proc. Zool. Soc. Lond. 1888, p. 314.
Collection Swinhoe, Abbottabad (Punjab).

2278A. Catocala nivea.

Catocala nivea, Butler, Cist. Ent. ii, p. 241, (1875-82).
——————— Ill. Typ. Lep. Het. B. M., ii, p. 38, pl. 33, fig. 4, (1878).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab), Japan.

2279. Catocala patala.

Catocala pattala, Felder.
Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab).

2279A. Catocala persimilis.

Catocala persimilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab).

Family TOXOCAMPIDÆ.

2296. Toxocampa metaspila.

Collection Swinhoe, Rangoon.

Family POAPHILIDÆ.

2312. Poaphila reflexa.

Collection Swinhoe, Poona, Purundhur, Nilgiri Hills, Andaman Islands.

2321. Dierna multistrigaria.

I. M., Nilgiri Hills.

Family CATEPHIDÆ.

2339. Briarda decens.

Collection Swinhoe, North Kanara, Nilgiri Hills, Bassein (Burma), Andaman Islands.

2343. Arcte granulata.

Collection Swinhoe, Assam.

2347. Catephia linteola.

Collection Swinhoe, Sikkim, Rangoon, Nilgiri Hills.

2351. Mosara apicalis.

In Phayre Museum (Rangoon), from Rangoon.
In Mr. Lindsay's Collection from Nilgiri Hills.

2365. Stictoptera subobliqua.

Collection Swinhoe, Bombay.

2367. Stictoptera variabilis.

Collection Swinhoe, Andaman Islands.

2370. Odontodes bolinoides.

I. M., Ranchi.
Collection Swinhoe, Rangoon.

2371. Sadarsa longipennis.

Collection Swinhoe, Kurseong.

2376. Gyrtona hylusalis.

Collection Swinhoe, Nilgiri Hills.

2380. Lophoptera costata.

Collection Swinhoe, Rangoon, Nilgiri Hills.

2387. Athyrma polyspila.

Collection Swinhoe, Rangoon.

Family HYPOGRAMMIDÆ.

2394. Dinumma deponens.

Collection Swinhoe, Rangoon, Raipur (Central Provinces), Nilgiri Hills.

2420. Plotheia spurcata.

Collection Swinhoe, Ceylon.

2424. Selepa celtis.

In Phayre Museum (Rangoon) from Rangoon.

Family POLYDESMIDÆ.

2440A. Pandesma benenotata.

Pandesma benenotata, Warren, Proc. Zool. Soc. Lond. 1888, p. 313.
Rawal Pindi.

2443. PANDESMA QUENAVADI.

Collection Swinhoe, Deesa, Punjab, Raipur (Central Provinces), Nilgiri Hills.

2446. PANDESMA BOARMOIDES.

Collection Swinhoe, Rangoon, Sholapore, Raipur (Central Provinces), Nilgiri Hills.

FAMILY HOMOPTERIDÆ.

2451. ALAMIS CONTINUA.

Collection Swinhoe, Raipur (Central Provinces), Solun (Simla).

2454. ALAMIS INFLIGENS.

Collection Swinhoe, Nilgiri Hills.

2470. GIRPA ERIOPHORA.

Collection Swinhoe, Andaman Islands.

2471. GIRPA FRATERNA.

Collection Swinhoe, Rangoon.

2472. GIRPA INANGULATA.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

2473. GIRPA PERTENDENS.

Collection Swinhoe, Rangoon.

FAMILY OPHIDERIDÆ.

2474. ARGADESA MATERNA.

Collection Swinhoe, Raipur, Calcutta, Andaman Islands.

2492. ISCHYJA MANLIA.

Collection Swinhoe, Nilgiri Hills, Andaman Islands.

FAMILY EREBIDÆ.

2497. OXYODES SCROBICULATA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2527. Sypna submarginata.

Collection Swinhoe, Nilgiri Hills.

Family OMMATOPHORIDÆ.

2536. Argiva strigipennis.

Collection Swinhoe, Nilgiri Hills.

2547. Entomogramma decora.

Collection Swinhoe, Poona.

2550. Entomogramma torsa.

Collection Swinhoe, Raipur, Nilgiri Hills.

2553. Speiredonia retrahens.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

2554. Speiredonia zamis.

Collection Swinhoe, Rangoon.

2555. Sericia anops.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

Family HYPOPYRIDÆ.

2558. Spiramia cohærens.

Collection Swinhoe, Raipur, Calcutta, Rangoon.

2559. Spiramia helicina.

Collection Swinhoe, Nilgiri Hills.

2563A. Hypopyra extricans.

Hypopyra extricans, Walker, Cat. Lep. Het. B. M. xiv, p. 1328, (1858).
——— Warren, Proc. Zool. Soc. Lond. 1888, p 315.

Hurripur (Punjab), China.

2570. Hypopyra shiva.

Collection Swinhoe, Rangoon.

2572. Hypopyra vespertilio.
Collection Swinhoe, Rangoon.

Family BENDIDÆ.

2576. Hulodes restorans.
Collection Swinhoe, Rangoon.

2578. Hamodes attacicola.
Collection Swinhoe, Rangoon, Andaman Islands.

Family OPHIUSIDÆ.

2583. Melioptis cyllaria.
Collection Swinhoe, Rangoon.

2585. Melioptis diversipennis.
Collection Swinhoe, Calcutta.

2587. Melioptis pannosa.
I. M., Calcutta.
Collection Swinhoe, Rangoon.

2595. Thyas coronata.
Collection Swinhoe, Andaman Islands.

2598. Thyas honesta.
Collection Swinhoe, Rangoon.

2606. Minucia prunicolor.
Collection Swinhoe, Nilgiri Hills.

2611. Minucia tumidilinea.
Collection Swinhoe, Rangoon.

2614. Ophisma contenta.
Collection Swinhoe, Rangoon.

2616. OPHISMA GRAVATA.

In Phayre Museum (Rangoon) from Rangoon.

2617. OPHISMA MATURATA.

Collection Swinhoe, Calcutta.
In Mr. Lindsay's Collection from Nilgiri Hills.

2621. *Erase* PLATYJA UMMINIA.

[See No. 2760, "THERMESIIDÆ."]

2622. PINDARA ILLIBATA.

Collection Swinhoe, Rangoon.

2623. ACHÆA COMBINANS.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

2626. ACHÆA NUBIFERA.

Collection Swinhoe, Andaman Islands.

2628. ACHÆA SERVA.

Collection Swinhoe, Calcutta, Rangoon.

2629. PSIMADA QUADRIPENNIS.

Collection Swinhoe, Andaman Isles, Rangoon.

2630. SERRODES CAMPANA.

Collection Swinhoe, Nilgiri Hills.

2631. SERRODES INARA.

Collection Swinhoe, Nilgiri Hills.

2633. NAXIA CALEFACIENS.

Phayre Museum (Rangoon) from Rangoon.

2636. DELGAMMA CALORIFICA.

Collection Swinhoe, Rangoon.

2637. CARANILLA ONELIA.

Collection Swinhoe, Nilgiri Hills, Calcutta, Rangoon.

2641. MACALDENIA PALUMBA.

Collection Swinhoe, Rangoon.

2642. Calesia dasyptera.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2649. Anereuthina condita.

Collection Swinhoe, Andaman Islands.

2656. Dordura alienа.

Collection Swinhoe, Rangoon.

2657. Dordura apicalis.

Collection Swinhoe, Rangoon.

2661. Ophiusa analis.

Collection Swinhoe, Raipur, Nilgiri Hills.

2662. Ophiusa arctotænia.

J. M., Ranchi.

2663. Ophiusa arcuata.

Collection Swinhoe, Rangoon.

2666. Ophiusa crameri.

Collection Swinhoe, Nilgiri Hills, Calcutta, Burma.

2669. Ophiusa fulvotænia.

Collection Swinhoe, Rangoon.

2670. Ophiusa joviana.

Collection Swinhoe, Rangoon, Calcutta.

2670A. Ophiusa latifascia.

Dysgonia latifascia, Warren, Proc. Zool. Soc. Lond. 1888, p. 316.
Collection Swinhoe, Solun, Kozdar (Beloochistan).
Also recorded from Campbelpur (Punjab).

2676. Grammodes ammonia.

Collection Swinhoe, Rangoon.

2678. Grammodes mygdon.

Collection Swinhoe, Rangoon.

2683. Fodina pallula.

Collection Swinhoe, Calcutta.

2684. Artena submira.

Collection Swinhoe, Rangoon.

Family EUCLIDIDÆ.

2685. Trigonodes cephise.

Collection Swinhoe, Rangoon.

2688. Trigonodes maxima.

In Phayre Museum (Rangoon) from Thyetmyo.

2696. Acantholipes trifasciata.

Collection Swinhoe, Nilgiri Hills.

Family REMIGIIDÆ.

2697. Cauninda archesia.

Collection Swinhoe, Nilgiri Hills, Andaman Isles.

2702. Remigia frugalis.

Collection Swinhoe, Rangoon.

2705. Remigia quæsita.

Collection Swinhoe, Nilgiri Hills, Rangoon.

Group PSEUDODELTOIDES.

Family FOCILLIDÆ.

2713. Zethes cristifera.

In Phayre Museum (Rangoon) from Bassein (Burma).

2729. Cultripalpa indistincta.

In Phayre Museum (Rangoon) from Bassein.

2730. Cultripalpa partita.

In Phayre Museum (Rangoon) from Bassein.

2736. Egnasia ephyrodalis.

Collection Swinhoe, Rangoon.

2738A. Egnasia mœstalis.

Magulaba mœstalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1127, (1865).
Egnasia mœstalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317.
Egnasia erebina, Butler, Ann. Nat. Hist. 1879, iv, p. 450.

Campbelpur (Punjab), Japan, Aden.
Sierra Leone.

2745. Matella accingalis.

Collection Swinhoe, Poona.

Family AMPHIGONIDÆ.

2756. Lacera alope.

Collection Swinhoe, Rangoon.

2758. Amphigonia hepatizans.

Collection Swinhoe, Rangoon, Nilgiri Hills.

Family THERMESIIDÆ.

2760. Platyja umminia.

Collection Swinhoe, Rangoon, Andaman Islands.
Also recorded from Bengal, Java, China, Penang.

2761. Sympis rufibasis.

Collection Swinhoe, Calcutta, Rangoon.

2775. Seneratia præcipua.

Collection Swinhoe, Nilgiri Hills.

2785. Durdara fenestrata.

Collection Swinhoe, Kurseong.

2787. Durdara lobata.

Collection Swinhoe, Camorta (Nicobars).

2788. Durdara myrtæa.

Collection Swinhoe, Bhamo (Burma).

2791. Raparna ochreipennis.

Collection Swinhoe, Poona, Mahableshwar.

2803. Mestleta divisa.

Collection Swinhoe, Khandalla, Nilgiri Hills.

2806. Mestleta irrecta.

Collection Swinhoe, Rangoon.

2811. Sonagara reticulata.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2815. Azazia rubricans.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2836. Doranaga apicalis.

Collection Swinhoe, Nilgiri Hills.

Group DELTOIDES.

Family HYPANIDÆ.

2844. Dichromia orosia.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2846. Dichromia quadralis.

Collection Swinhoe, Sikkim, Rangoon.

2851. Anorathia paritalis.

Collection Swinhoe, Ceylon.

2861. Hypena abducalis.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2862A. Hypena angustalis.

Hypena angustalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317.
Damtana (Punjab).

2867. Hypena cidarioides.

Collection Swinhoe, Rangoon.

2868. Hypena cognata.

Collection Swinhoe, Nilgiri Hills.

2881. Hypena iconicalis.

Collection Swinhoe, Calcutta, Raipur (Central Provinces).

2888. Hypena laceratalis.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2894. Hypena mandatalis.

In Phayre Museum (Rangoon) from Rangoon.

2922. Hypena vecordialis.

Collection Swinhoe, Nilgiri Hills.

2924. Nolasena ferrifervens.

Collection Swinhoe, Rangoon.

2926. Marapana raralis.

Collection Swinhoe, Rangoon.

2928. Ophiuche mistacalis.

Collection Swinhoe, Nilgiri Hills.

Genus **Hormisa**.

2929A. Hormisa cramboides.

Hormisa cramboides, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 62, pl. 56, fig. 6, (1879).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 317.

Kala Pani (Punjab), Japan.

Family HERMINIIDÆ.

2930. Bleptina morosa.

Collection Swinhoe, Poona, Bombay.

2941. Dragana pansalis.

Collection Swinhoe, Andaman Islands, Rangoon, Calcutta, Mhow, Nilgiri Hills.

2970. Zanclognatha undulata.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Darjiling.

2970A. Hydrillodes erythusalis.

Bocana erythusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 177, (1858).
Hydrillodes erythusalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 318.

Damtana (Punjab), Borneo.

2972. HYDRILLODES LENTALIS.

Collection Swinhoe, Nilgiri Hills.
In Phayre Museum (Rangoon) from Rangoon.

2986. NODARIA EXTERNALIS.

Collection Swinhoe, Rangoon.

3001. BOCANA MARGINATA.

Collection Swinhoe, Rangoon, Thanna (Bombay).
In Mr. Lindsay's collection from Nilgiri Hills.

3006. BOCANA VIRIDALIS.

[Erase *Indian Museum* and *Collection Swinhoe, Nilgiri Hills.*]

3009. BYTURNA DIGRAMMA.

Is identical with *Byturna cucullata*, No. 3008.

3010. AVITTA CERVINA.

Collection Swinhoe, Rangoon.

3014. LABANDA ACHINE.

Indian Museum, Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

3020. ASTHALA SILENUSALIS.

Collection Swinhoe, Rangoon.

3021. AGINNA ROBUSTALIS.

Collection Swinhoe, Rangoon, Nilgiri Hills.

3022. AGINNA SIMILIS.

Collection Swinhoe, Darjiling.

3023. AGINNA SIMULATA.

Collection Swinhoe, Thanna (Bombay).

3035. PASIRA INSCITIA.

Collection Swinhoe, Poona, Nilgiri Hills.

3044. ASTA QUADRILINEA.

Collection Swinhoe, Darjiling.
[Erase *Bombay.*]

Group GEOMETRITES.

Family EROSIIDÆ.

3049. Dirades adjutaria.

Collection Swinhoe, Andaman Isles, Nilgiri Hills.

3053. Dirades conchiferata.

Collection Swinhoe, Rangoon.

3072. Gathyna miraria.

Collection Swinhoe, Calcutta.

Family URAPTERYDÆ.

3108A. Urapteryx pluristrigata.

Urapteryx pluristrigata, Warren, Proc. Zool. Soc. Lond. 1888, p. 318.
Thundiani (Punjab).

Family ENNOMIDÆ.

3148. Hyperythra lutea.

Collection Swinhoe, Calcutta, Andaman Isles.
Thyetmyo, Rangoon.

3158. Angerona pallicostaria.

Collection Swinhoe, Andaman Islands.

3158A. Angerona stramineata.

Angerona stramineata, Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Collection Swinhoe, Thundiani (Punjab).

3195. Pyrinia phœnico-tæniata.

Pyrinia phœnico-tæniata, Kollar.
Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Kala Pani and Thundiani (Punjab).

Family OXYDIDÆ.

3211. Marcala sulphurescens.

Collection Swinhoe, Nilgiri Hills.

Family ÆNOCHROMIDÆ.

3241. Chilkasa falcata.

Collection Swinhoe, Rangoon.

Genus **Niphonissa.**

3249A. Niphonissa arida.

Niphonissa arida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 394.
——— Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Thundiani (Punjab), Japan.

Family AMPHIDASYDÆ.

3255A. Buzura varianaria.

Buzura panterinaria, Swinhoe (*nec* Bremer and Grey), Proc. Zool. Soc. Lond. 1888, p. 454.

Collection Swinhoe, Mhow, North Kanara.

Family BOARMIDÆ.

3284. Hemerophila subplagiata.

Menophra subplagiata, Walker.
——— Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree, Thundiani (Punjab).

3327. Boarmia iterata.

Alcis iterata, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree.

3338. Boarmia trikotaria.

Alcis trikotaria, Felder.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Thundiani (Punjab).

3340A. Alcis nudipennis.

Alcis nudipennis, Warren, Proc. Zool. Soc. Lond. 1888, p. 320.
Thundiani (Punjab).

3344. Burichura imparata.

Collection Swinhoe, Lanaoli.

3348. Catoria sublavaria.

Collection Swinhoe, Rangoon.

3349. Chogada alienaria.

Collection Swinhoe, Nilgiri Hills.

3363. Bylazora licheniferata.

I. M., Nilgiri Hills.

3376. Pingasa crenaria.

In Phayre Museum (Rangoon) from Thyetmyo.

3388. Hypochroma perfectaria.

I. M., Ranchi.

3406. Gnophos dispunctata.

Gnophos dispunctata, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Thundiani (Punjab).

3408A. Gnophos isometra.

Gnophos isometra, Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Akhor (Punjab).

3412. Gnophos obtectaria.

Gnophos obtectaria, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Abbottabad.

3413. Gnophos paerlita.

Gnophos paerlita, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Abbottabad.

3422. Petelia medardaria.

Collection Swinhoe, Rangoon.

3426A. Psyra debilis.

Psyra debilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Thundiani (Punjab).

Family GEOMETRIDÆ.

3450. Maxates cœlataria.

Collection Swinhoe, Rangoon.

3469. Thalassodes quadraria.

Collection Swinhoe, Andaman Islands, Calcutta, Rangoon.

3478. Thalera diatoamata.

Collection Swinhoe, Rangoon.

3480. Thalera disjuncta.

Collection Swinhoe, Nilgiri Hills.

3487. Nemoria carnifrons.

Collection Swinhoe, Nilgiri Hills.

3523. Agathia lycænaria.

Collection Swinhoe, Nilgiri Hills.

Family PALYADÆ.

3539. Eumelia aureliata.

Collection Swinhoe, Ceylon, Nilgiri Hills, Thyetmyo.

3546. Eumelia vulperaria.

Collection Swinhoe, Nilgiri Hills.

3547. Cacyparis insolitata.

Collection Swinhoe, Nilgiri Hills.

Family EPHYRIDÆ.

3573. Anisodes obrinaria.

Collection Swinhoe, Nilgiri Hills.

3577. Anisodes patruelis.

Collection Swinhoe, Nilgiri Hills.

3585. Borbaca pardaria.

Collection Swinhoe, Nilgiri Hills.

Family CABERIDÆ.

3604. Cabera mytylata.

Cabera mytylata, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Thundiani (Punjab).

Family MACARIDÆ.

3619. Tephrina cacavena.

Collection Swinhoe, Poona.

3620. Tephrina falsaria.

Collection Swinhoe, Nilgiri Hills.

3624. Tephrina modesta.

Collection Swinhoe, Nilgiri Hills.

3632. Gubaria fasciata.

Collection Swinhoe, Raipur, Central Provinces, Andaman Islands.

3634. Gubaria nora.

Collection Swinhoe, Nilgiri Hills.

3635. Gubaria xanthonora.

In Phayre Museum, Rangoon, from Pyentaza (Burma).

3638A. Gonodela fuscomarginata.

Gonodela fuscomarginata, Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Campbellpur (Panjab).

3641. Gonodela horridaria.

Collection Swinhoe, Nilgiri Hills.

3647. Gonodela streniataria.

Gonodela streniataria, Walker.
Warren, Proc. Zool. Lond. 1888, p. 323.
Campbellpur (Punjab).

3649. Gonodela vasudeva.

Collection Swinhoe, Rangoon.

3655. Azata ferruginata.

Collection Swinhoe, Rangoon.

3656. Azata quadraria.

Collection Swinhoe, Nilgiri Hills.

Family FIDONIDÆ.

3662. Sterrha paulula.

Collection Swinhoe, Campbellpur (Punjab).

3663. Sterrha sacraria.

Sterrha sacraria, Linn.
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Campbellpur (Punjab).

Genus **Pseudosterrha.**

3663A. Pseudosterrha ochrea.

Pseudosterrha ochrea, Warren, Proc. Zool. Soc. Lond., 1888, p. 324.
Campbellpur (Punjab).

3665. Rumia mimulina.

Rumia mimulina, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 318.

3671. Phyletis inconspicua.

Phyletis inconspicua, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Thundiani, Kala Pani (Punjab).

3673. Phyletis meonaria.

Collection Swinhoe, Kurseong.

3674. Phyletis pelloniaria.

Phyletis pelloniaria, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Thundiani (Punjab).

3678. Epifidonia signata.

Epifidonia signata, Butler.
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Murree.

3681. Aspilates obliquaria.

Aspilates obliquaria, Moore.
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Thundiani (Punjab).

3684. Corymica specularia.

Collection Swinhoe, Kurseong, Rangoon.

3691. Prionia squalidaria.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

Family ZERENIDÆ.

3729A. Abraxas diversicolor.

Abraxas diversicolor, Warren, Proc. Zool. Soc. Lond. 1888, p. 325.
Thundiani (Punjab).

3731. Abraxas fuscescens.

Abraxas fuscescens, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Thundiani (Punjab).

3733A. Abraxas intermedia.

Abraxas intermedia, Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Thundiani, Kala Pani (Punjab).

3746. Naxa textilis.

Collection Swinhoe, Nilgiri Hills.

3751. Ligdia coctata.

Ligdia coctata, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 325.
Kala Pani, Campbellpur (Punjab).

Family LARENTIDÆ.

3756. Lycauges relictata.

Acidalia (?) relictata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866).
Lycauges relictata, Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456.
Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh, (Bombay).
Also recorded from Campbellpur (Punjab).

3759. For *Larentia conturbata* read *Scotosia conturbata.*

Warren, Proc. Zool. Soc. Lond. 1888, p. 327.

3775. EUPITHECIA PALPATA.

Collection Swinhoe, Ceylon.

3776A. EUPITHECIA QUADRIPUNCTATA.

Eupithecia quadripunctata, Warren, Proc. Zool. Soc. Lond. 1888, p. 331.
Thundiani (Punjab).

3795. REMODES HIRUDINATA.

Collection Swinhoe, Khandalla, Nilgiri Hills.

3800. REMODES PROBOSCIDARIA.

Collection Swinhoe, Nilgiri Hills.

3801. REMODES REMODESARIA.

Collection Swinhoe, Nilgiri Hills.

3812A. MELANIPPE FLAVISTRIGATA.

Melanippe flavistrigata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Kala Pani (Punjab).

3814A. COREMIA LIVIDA.

Coremia livida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 449.
———— Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Campbellpur (Punjab).

3818. SCOTOSIA DUBIOSATA.

Scotosia dubiosata Walker.
Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Thundiani (Punjab).

3819. SCOTOSIA EXPANSA.

Scotosia expansa, Moore.
Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Punjab.
Closely allied to *S. venimaculata.*

3821. SCOTOSIA MINIOSATA.

Photoscotosia miniosata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328.
Thundiani (Punjab).

3821. SCOTOSIA NIGRALBATA.

Scotosia nigralbata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Collection Swinhoe, Thundiani (Punjab).

3841. Scotosia amplicata.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).
Photoscotosia amplicata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.

Indian Museum, Kulu (Young).
Collection Swinhoe, Kulu, Pegu.
Also recorded from Darjiling and Thundiani (Punjab).

3846A. Cidaria brevifasciata.

Cidaria brevifasciata, Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani (Punjab).

3868A. Cidaria rostrifera.

Cidaria rostrifera, Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani (Punjab).

3871A. Cidaria subrubescens.

Cidaria subrubescens, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.

Berham Gully (Punjab).

3873A. Cidaria thomasata.

Cidaria thomasata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.

Murree, Thundiani (Punjab).

3885. Stammodes pamphilata.

Stammodes pamphilata, Felder.
——————— Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani (Punjab).

3891A. Thera consimilis.

Thera consimilis, Warren, Proc. Zool. Soc. Lond., 1888, p. 326.

Thundiani, Nandar (Punjab).

3893A. Ypsipetes undulata.

Ypsipetes undulata, Warren, Proc. Zool. Soc. Lond., 1888, p. 326.

Thundiani (Punjab).

3900A. Phibalapteryx nigripunctata.

Phibalapteryx nigripunctata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328.

Thundiani (Punjab).

3900B. Phibalapteryx nigrovittata.

Phibalapteryx nigrovittata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.

Collection Swinhoe, Thundiani (Punjab).

Family EUBOLIDÆ.

3902. Docirava æquilineata.

Docirava æquilineata, Walker.
———— Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Duntanar (Punjab).

3905. Docirava uvaria.

Docirava uvaria, Walker.
———— Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani, Berham Gully (Punjab).

3907A. Anaitis efformata.

Anaitis efformata, Guén., Phal. ii, p. 500, (1857).
———— Walker, Cat. Lep. Het. B. M., xxv, p. 1444, (1862).
———— Warren, Proc. Zool. Soc. Lond., 1888, p. 331.

Collection Swinhoe, Nandar (Punjab), Syria.

Genus **Eubolia**.

3911A. Eubolia nasifera.

Eubolia nasifera, Warren, Proc. Zool. Soc. Lond. 1888, p. 331.

Thundiani (Punjab).

Family IDŒIDÆ.

3914. Idœa actuaria.

Collection Swinhoe, Nilgiri Hills.

3935. Idœa mutanda.

Idœa inductata, Walker, (*nom. preoc.*).
Warren, Proc. Zool. Soc. Lond. 1888, p. 322.

Campbellpur (Punjab).

3939. Idœa ligataria.

Collection Swinhoe, Rangoon.

3943A. Idœa pallida.

Idœa pallida, Warren, Proc. Zool. Soc. Lond. 1888, p. 322.

Thundiani (Punjab), Murree.

3947. [Erase *Idœa relictata*.]

3952. Idœa waikeri.

Collection Swinhoe, Rangoon.

3953. Craspedia addictaria.

In Phayre Museum (Rangoon) from Thyetmyo.

3958. Craspedia persimilis.

Craspedia persimilis, Moore.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.
Kala Pani (Punjab).

3961. Craspedia turpisaria.

Collection Swinhoe, Nilgiri Hills.

3968. Pseudasthena grataria.

Collection Swinhoe, Nilgiri Hills.

3983A. Asthena ochracea.

Asthena ochracea, Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Thundiani (Punjab).

3987. Asthena urbica.

In Phayre Museum (Rangoon) from Moulmein.

3991. Timandra convectaria.

Collection Swinhoe, Rangoon.

3995. Somatina anthophilata.

Collection Swinhoe, Raipur (Central Provinces), Rangoon, Moulmein.

4006. Luxiaria exclusa.

Collection Swinhoe, Rangoon.

Family MICRONIDÆ.

4012. [*For* Micronia grannata *read* M. gannata.]

4013. Micronia obliquaria.

Collection Swinhoe, Rangoon.

4016. Strophidia fasciata.

Collection Swinhoe, Rangoon.

4023. Acroptæris vagata.

Collection Swinhoe, Andaman Islands, Rangoon.

GROUP PYRALES.

FAMILY HYDROCAMPIDÆ.

Genus **Mixophila.**

4438A. MIXOPHILA ERMINEA.

Crambus ermineus, Moore, Lep. Ceyl., iii, p. 380, p. 184, fig. 7, (1886).
Mixophila erminea, Meyrich, Trans. Ent. Soc. Lond. 1887, p. 269.
Collection Swinhoe, Ceylon.

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A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part VII.—INDEX, &c.

CALCUTTA:
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1889.

PREFACE.

THIS catalogue, which comprises all the known moths of the Indian region, including Burma and Ceylon, aims at being a handbook of reference for Indian naturalists who interest themselves in the moths of the country.

No pains have been spared in its compilation, which has taken more than three years to accomplish, but the work has presented exceptional difficulties owing to the fact that no satisfactory classification was in existence. Old authors were content to describe all Indian moths under the generic names of Sphinx, Bombyx, Phalæna, Noctua, &c., while hardly any two modern writers adopt one classification. The type specimens, from which the species were originally described, are mostly the property of museums and private individuals in Europe; working in India therefore, where it is impossible to examine these types, it has been necessary to adopt many species, which will probably prove, on further examination, to have been founded upon characters of too trifling a nature. It is hoped, however, that the errors and imperfections, which a work of this kind must necessarily contain, will not seriously detract from its usefulness.

The work is published by the Trustees of the Indian Museum, and the thanks of the compilers are also due to the following:—Mr. F. Moore, who has examined many types in the British Museum, determined specimens, and given his invaluable help in the revision of the whole catalogue; Mons. Ragonot, who has taken much trouble in revising and classifying the Crambites; and Lord Walsingham, who has given assistance and advice with reference to the Tortrices.

INDIAN MUSEUM,
May 1889.

N. B.—References that are marked with an asterisk (*) in the catalogue have not been verified by the compilers.

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